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ALFRED MEADOWS, M.D., M.R.C.P.,

PHYSICIAN ACCOUCHEUR TO THE GENERAL LYING-IN HOSPITAL, AND TO THE ST. GEORGE'S AND ST. JAMES'S DISPENSARY; FORMERLY ASSISTANT PHYSICIAN FOR DISEASES OF WOMEN AND CHILDREN AT KING'S COLLEGE HOSPITAL.

HENRY RENSHAW,

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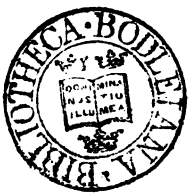

PREFACE.

I HAVE had much pleasure in compiling this little work, in the hope that it may be useful to the busy practitioner. The publication of a new Pharmacopœia common to Great Britain, in which many new preparations are introduced, many old ones omitted, and the names and composition of others largely altered, renders it imperatively necessary, in the interests of the public, that all who are called upon to prescribe should make themselves acquainted with these several changes. And it was with the view of facilitating this study that I resolved on devoting a little time to what I hope may not prove unprofitable for those for whose benefit it has been undertaken.

I have thought, moreover, that the utility of this work might be still further increased if, in addition to the pharmacopœial preparations, others were included which experience has proved to be of value; so that the prescriber might have as wide a choice of remedies of any given class as was possible. This I have accordingly done, and to distinguish official from non-official preparations, the letters B.P. (British Pharmacopœia) are affixed to the former, while the latter are, in printer's parlance, *indented*, that is, set a little to the right.

Again, it seemed desirable, for the convenience of reference, that some arrangement of the remedies in question should be adopted; and none appeared to me so convenient as one based upon their physiological action, albeit this has some few objections: some remedies refusing almost to be ranged under any head; as pepsine, for instance, which, by the way, is not ordered in the Pharmacopœia. I have, therefore, accepted, with certain modifications for the purpose merely of simplifying it, the classification of Dr. Pereira, and I am not without the hope that some silent teaching may be conveyed in this arrangement.

There are consequently Six Parts. The First contains remedies for external application; the Second, medicines which act upon the blood, including the Chalybeates, Demulcents and Diluents, Refrigerants, and Liquefacients, the latter comprising alkalis, antimonials, iodines, mercurials, and plumbines. The Third Part comprises medicines which act upon the Nervous System: these are divided into—1, those whose action affects the Cerebro-spinal system, and includes Narcotics, Hypnotics, Anodynes, and Tonics; 2, those which affect the Ganglionic System — Stimulants and Sedatives. The Fourth Part contains medicines which affect the Secreting System—namely, Diaphoretics, Diuretics, Emetics, Expectorants, Galactagogues, and Purgatives; to which is added the class of Anthelmintics. In the Fifth Part are medicines which act upon the Generative System—Aphrodisiacs, Anaphrodisiacs, and Emmenagogues. Lastly, in the Sixth Part, I have given a List of Substances useful as Disinfectants, and a Table of

Poisons and their Antidotes from Dr. Pereira's work on "Materia Medica." The Weights and Measures now in use complete the work.

It is not contended that the arrangement here adopted is perfect, it is only hoped that it may be useful. The doses fitted for adults and for a child a year old are given; the latter, it is thought, may be useful as a guide to the doses applicable to other ages.

One other subject only needs here to be mentioned—namely, the alterations in the *weights* now ordered to be used, and the abolition of all *signs* or symbols. With the wisdom of this step I have nothing to do. It will be noted that in the doses ordered I have adopted the changes as regards weights; the drachm and scruple are not mentioned, nor are their signs used, but only the grain and the ounce: but, as regards measures for fluids, I have retained the signs of the drachm and ounce, only prefixing the letter f, signifying *fluid*. The manifest convenience of these symbols in place of the more clumsy fl.drm. or drs. and fl.oz. is such, that it is believed no order of Council abolishing these signs will ever find acceptance with the Profession at large. Perhaps the simplest way of indicating the changes now and hereafter to be adopted in prescribing is by giving an illustration, for which the following may suffice:

℞ Ammoniæ Carbonas grs. 30.
Spiritus Chloroformi f℥j.
Aqua Camphoræ f℥viij.
M. ft. mist.

The difference in the *numerals* used respectively for

solids and fluids is in accordance with the order of Council.

It must be remembered that my intention has not been in any way to give directions how to *make*, but only how to *use* these preparations, to state their composition, and to give briefly an outline of the process adopted in the manufacture of some of them.

If this little book prove as useful a *Companion* as I anticipate, I shall be abundantly repaid for the time expended upon it.

9, CAVENDISH PLACE,

CAVENDISH SQUARE.

March, 1864.

THE

PRESCRIBER'S COMPANION.

PART I.

REMEDIES FOR EXTERNAL APPLICATION.

CAUSTICS.

Acidum Aceticum. B.P.
Sp. gr. 1·044. Contains 28 p. c. of anhydrous acetic acid.

Acidum Aceticum Glaciale. B.P.
Sp. gr. 1·065.

Acidum Nitricum. B.P.
Sp. gr. 1·5.

Argenti Nitras. B.P.

Argenti Oxydum. B.P.

Calcis Hydras. B.P.

Cupri Sulphas. B.P.

Liquor Hydrargyri Nitratis Acidus. B.P.

Liquor Antimonii Terchloridi. B.P.

Potassa Caustica. B.P. (Potassa Hydras. Ph. Lond.)

Potassa cum Calce.

Soda Caustica. B.P.

Zinci Chloridum. B.P.

Zinci Sulphas. B.P.

ENEMAS.

Enema Aloes. B.P.
Composed of aloes 40 grs., carbonate of potash 15 grs., mucilage of starch 10 fl.oz.

Enema Assafœtidæ. B.P.
Composed of tincture of assafœtida 6 fl.drs., mucilage of starch 6 fl.oz.

Enema Colocynthis. Ph. Lond.
Composed of extract colocynth 30 grs., soft soap 1 oz., water 1 pint.

Enema Magnesiæ Sulphatis. B.P.
Composed of sulphate of magnesia 1 oz., olive oil 1 fl.oz., mucilage of starch 15 fl.oz.

Enema Opii. B.P.
Composed of tincture of opium ½ fl.dr. (= 2 grs. of opium), mucilage of starch 2 fl.oz.

Enema Tabaci. B.P.
Composed of tobacco leaf 20 grs., boiling water 8 fl.oz. Infuse and strain.

Enema Terebinthinæ. B.P.
Composed of oil of turpentine 1 fl.oz., mucilage of starch 15 fl.oz.

LINIMENTS.

Anodyne and Emollient.

Linimentum Aconiti. B.P.
Composed of aconite root 20 oz., camphor 1 oz., rectified spirit 30 fl.oz. or q. s. to make a pint after seven days' maceration of the root, and subsequent percolation. 1 fl.oz. represents 1 oz. of the dried root.

Linimentum Belladonnæ. B.P.
Composed of belladonna root 20 oz., camphor 1 oz., rectified spirit as above. 1 fl.oz. represents 1 oz. of the dried root.

Linimentum Calcis. B.P.
Composed of solution of lime and olive-oil, of each 2 fl.oz.

Linimentum Chloroformi. B.P.
Composed of chloroform 2 fl.oz., liniment of camphor 2 fl.oz.

Linimentum Opii. B.P.
Composed of tincture of opium 2 fl.oz., liniment of soap 2 fl.oz.

Stimulant.

Linimentum Æruginis. Ph. Lond.
Composed of verdigris 1 oz., vinegar 1 fl.oz., honey 14 oz.

Linimentum Ammoniæ. B.P.
Composed of solution of ammonia 1 fl.oz., olive oil 3 fl.oz.

Linimentum Camphoræ. B.P.
Composed of camphor 1 oz., olive oil 4 fl.oz.

[illegible] B.P.

[illegible] B.P.

[illegible] B.P.

[illegible] z., olive oil 3 j fl.oz.

[illegible] B.P.

[illegible] z., solution of am-

[illegible]

[illegible] assium ½ oz.,

[illegible] ar times as

[illegible] Lead.

[illegible] oz., oil of

[illegible] Distilled

[illegible] Ph.

[illegible] mphor

[illegible] mer,

[illegible] mary

[illegible]

[illegible]

[illegible]

LOTIONS—INJECTIONS, &c.

Anodyne.

Liquor Atropiæ. B.P.
Composed of atropia 4 grs., rectified spirit 1 fl.dr., water 7 fl.drs.

Decoctum Papaveris. B.P.
Composed of poppy capsules 4 oz., water 3 pints.

Astringent.

Liquor Aluminis Compositus. Ph. Lond.
Composed of alum and sulphate of zinc, of each 1 oz., water 3 pints.

Liquor Argenti Nitratis. Ph. Lond.
Composed of crystals of nitrate of silver 60 grs., distilled water 1 fl.oz.

Liquor Calcis. B.P.
Composed of slaked lime 2 oz., water 1 gallon.

Liquor Ferri Perchloridi. B.P.
Prepared by the action of hydrochloric acid on iron wire, and afterwards adding nitric acid.

Liquor Ferri Pernitratis. B.P.
Prepared by the action of nitric acid on iron wire.

Decoctum Quercus. B.P.
Composed of oak bark 1½ oz., water 1½ pint.

Disinfectant.

Liquor Calcis Chloratæ. B.P.
Composed of chlorinated lime 1 lb., water 1 gallon.

Liquor Chlori. B.P.
A solution of chlorine gas in water: prepared by acting on black oxide of manganese with hydrochloric acid.

Linimentum Camphoræ Compositum. B.P.

Composed of camphor 3½ oz., oil of lavender 1 fl.dr., strong solution of ammonia 5 fl.oz., rectified spirit 15 fl.oz.

Linimentum Cantharidis. B.P.

Composed of cantharides 8 oz., acetic acid 4 fl.oz., ether 1 pint.

Linimentum Crotonis. B.P.

Composed of croton oil ½ fl.oz., olive oil 3½ fl.oz.

Linimentum Hydrargyri. B.P.

Composed of ointment of mercury 1 oz., solution of ammonia and camphor liniment of each 1 fl.oz.

Linimentum Iodi. B.P.

Composed of iodine 1¼ oz., iodide of potassium ½ oz., rectified spirit 5 fl.oz. This is about four times as strong as the tinctura iodinii composita. Ph. Lond.

Linimentum Saponis. B.P.

Composed of hard soap 2½ oz., camphor 1¼ oz., oil of rosemary 3 fl.drs., rectified spirit 18 fl.oz., distilled water 2 fl.oz.

Linimentum Saponis Camphoratum. Ph. Boruss.

Composed of medicated soap 1½ oz., camphor 1½ oz., rectified spirit 20 fl.oz. Dissolve the former, and add oil of thyme ½ fl.dr., oil of rosemary 1 fl.dr., solution of caustic ammonia 1 fl.dr.

Linimentum Terebinthinæ. B.P.

Composed of oil of turpentine 5 fl.oz., ointment of resin 8 oz.

Linimentum Terebinthinæ Aceticum. B.P.

Composed of oil of turpentine, acetic acid, and camphor liniment, of each 1 fl.oz.

LOTIONS—INJECTIONS, &c.

Anodyne.

Liquor Atropiæ. B.P.
Composed of atropia 4 grs., rectified spirit 1 fl.dr., water 7 fl.drs.

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Composed of poppy capsules 4 oz., water 3 pints.

Astringent.

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Composed of alum and sulphate of zinc, of each 1 oz., water 3 pints.

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Composed of crystals of nitrate of silver 60 grs., distilled water 1 fl.oz.

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Liquor Chlori. B.P.
A solution of chlorine gas in water: prepared by acting on black oxide of manganese with hydrochloric acid.

Liquor Potassæ Permanganatis. B.P.
Composed of permanganate of potash 4 grs., in water 1 oz.

Liquor Sodæ Chloratæ. B.P.
A solution of chlorinated soda in water.

Refrigerant.

Liquor Plumbi Subacetatis. B.P.
A solution of subacetate of lead: prepared by boiling acetate of lead and litharge.

Liquor Plumbi Subacetatis Dilutus. B.P.
Composed of solution of subacetate of lead 2 fl.drs., rectified spirit 2 fl.drs., water 19½ fl.oz.

Stimulant.

Liquor Ammoniæ. B.P.
Composed of 1 pint of solution of ammonia in 2 pints water.

Liquor Ammoniæ Fortior. B.P.

OINTMENTS.

Anodyne.

Unguentum Aconitiæ. B.P.
Composed of aconitia 8 grs., rectified spirit ♏xxx., lard 1 oz.

Unguentum Atropiæ. B.P.
Composed of atropia 8 grs., rectified spirit ♏xxx., lard 1 oz.

Unguentum Belladonnæ. B.P.
Composed of extract of belladonna 80 grs., lard 1 oz.

Unguentum Conii. Ph. Lond.
Composed of fresh hemlock and lard, of each 1 lb.

Unguentum Opii. Ph. Lond.
Composed of opium 20 grs., lard 1 oz.

Astringent.

Unguentum Gallæ. B.P.
Composed of galls 80 grs., simple ointment 1 oz.

Unguentum Gallæ cum Opio. B.P. (Ung. Gallæ Comp. Ph. Lond.)
Composed of ointment of galls 1 oz., opium 32 grs. (4 grs. of opium in the drm.)

Emollient.

Unguentum Cetacei. B.P.
Composed of spermaceti 5 oz., white wax 2 oz., almond oil a pint.

Unguentum Plumbi Carbonatis. B.P.
Composed of carbonate of lead 64 grs., simple ointment 1 oz.

Unguentum Plumbi Subacetatis. B.P.
Composed of solution of subacetate of lead 6 fl.oz., camphor 60 grs., white wax 8 oz., olive oil 1 pint.

Unguentum Sambuci. Ph. Lond.
Composed of elder-flowers and lard, of each 1 lb.

Unguentum Simplex. B.P.
Composed of white wax 2 oz., lard 3 oz., almond oil 3 fl.oz.

Unguentum Zinci Oxidi. B.P.
Composed of oxide of zinc 80 grs., simple ointment 1 oz.

Huile de Cade. A semi-solid oil from Juniperus Oxycedrus.

This is in great repute in France in various chronic skin diseases.

Resolvent—Alterative.

Unguentum Calomelanos. B.P.

Composed of calomel 80 grs., lard 1 oz.

Unguentum Hydrargyri. B.P.

Composed of mercury ½ lb., lard ½ lb. suet ½ oz.

Unguentum Hydrargyri Ammoniati. (Ung. Præcip. Alb. Ph. Ed.) B.P.

Composed of ammoniated mercury 64 grs., simple ointment 1 oz.

Unguentum Hydrargyri Iodidi Rubri. B.P.

Composed of red iodide of mercury 16 grs., simple ointment 1 oz.

Unguentum Hydrargyri Nitratis. (Ung. Citrinum. Ph. Ed.) B.P.

Composed of mercury 4 oz., nitric acid 8 fl.oz., lard 15 oz. olive oil 32 fl.oz.

Unguentum Hydrargyri Oxidi Rubri. B.P.

Composed of red oxide of mercury 64 grs., simple ointment 1 oz.

Unguentum Iodi Compositum. B.P.

Composed of iodine 32 grs., iodide of potassium 32 grs., proof spirit 1 fl.dr., lard 2 oz.

Unguentum Potassii Iodidi. B.P.

Composed of iodide of potassium 64 grs., water 1 fl.dr., lard 1 oz.

Unguentum Plumbi Iodidi. Ph. Lond.
Composed of iodide of lead 1 oz., lard 8 oz.

Specific.

Unguentum Cocculi. B.P.
Composed of the seeds of Cocculus Indicus 80 grs., lard 1 oz.

Unguentum Scrophulariæ. Ph. Dub.
Composed of knotty rooted figwort and lard, of each 2 lbs., suet 1 lb.

Unguentum Sulphuris Iodidi. Ph. Lond.
Composed of iodide of sulphur 30 grs., lard 1 oz.

Unguentum Sulphuris. B.P.
Composed of sublimed sulphur 1 oz., lard 4 oz.

Acidum Sulphurosum. B.P.
Prepared by distilling together sulphuric acid and charcoal, the gas being dissolved in distilled water.
Used diluted as a lotion.

Stimulant—Irritant.

Unguentum Æruginis. Ph. Ed.
Composed of resinous ointment 15 oz., verdigris 1 oz.

Unguentum Antimonii Tartarati. B.P.
Composed of tartarated antimony ¼ oz., simple ointment 1 oz.

This preparation contains nearly twice as much tartarated antimony as Ung. Antim. Tart. Dub. Ph.

Unguentum Cantharidis. B.P.
Composed of cantharides and yellow wax, of each 1 oz., olive oil 6 fl.oz.

Unguentum Creosoti. B.P.
Composed of creosote 1 fl.dr., simple ointment 1 oz.

Unguentum Elemi. B.P.
Composed of elemi ¼ oz., simple ointment 1 oz.

Unguentum Picis Liquidæ. Ph. Lond.
Composed of tar and suet, of each 1 lb.

Unguentum Piperis Nigræ. Ph. Dub.
Composed of lard 1 lb., black pepper 4 oz.

Unguentum Resinæ. B.P.
Composed of resin 4 oz., yellow wax, 2 oz., simple ointment 8 oz.

Unguentum Sabinæ. B.P.
Composed of fresh savin 8 oz., white wax 3 oz., lard 16 oz.

Unguentum Terebinthinæ. B.P.
Composed of oil of turpentine 1 fl.oz., resin 60 grs., yellow wax, ½ oz., lard ½ oz.

Unguentum Veratriæ. B.P.
Composed of veratria 8 grs., lard 1 oz., olive oil ½ fl.dr.

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Dr. Tanner has introduced the following preparations:—

Iodide of Lead and Belladonna.
Composed of iodide of lead 40 grs., extract of belladonna 20 grs., butter of cacao ½ oz., olive oil 1 fl.dr. Divide into 4 pessaries.

Mercurial.

Composed of mercurial ointment from 80 to 120 grs., butter of cacao ½ oz., olive oil 1 fl.dr. Divide into 4 pessaries. Conium or belladonna may be added.

Lead and Opium.

Composed of acetate of lead 20 grs., extract of opium 12 grs., butter of cacao ¾ oz., olive oil 1 fl.dr. Divide into 4 pessaries.

Zinc and Belladonna.

Composed of oxide of zinc 60 grs., extract of belladonna 12 to 20 grs., butter of cacao ½ oz., olive oil 1 fl.dr. Divide into 4 pessaries.

Iodide of Potassium and Conium.

Composed of iodide of potassium 60 grs., extract of conium 80 grs., butter of cacao ½ oz., olive oil 1 fl.dr. Divide into 4 pessaries.

Tannin and Catechu.

Composed of tannin 40 grs., catechu 60 grs., butter of cacao ½ oz., olive oil 1 fl.dr. Divide into 4 pessaries. Other remedies may be used in the same way.

PLASTERS.

Adhesive.

Emplastrum Lithargyri. B.P. (Emp. Plumbi. Ph. Lond.)

Composed of litharge 1 lb., olive oil 2 pints, water 17½ oz.

Emplastrum Resinæ. B.P.

Composed of resin 4 oz., litharge plaster 2 lbs., hard soap 2 oz.

Emplastrum Saponis. B.P.
Composed of hard soap 6 oz., litharge plaster 2¼ lbs., resin 1 oz.

Anodyne.

Emplastrum Belladonnæ. B.P.
Composed of belladonna 3 oz., soap plaster and resin plaster, of each 1½ oz.

Emplastrum Cretæ.
Composed of chalk 4 oz., vinegar 3 oz., mixed to a thin paste.

This is used for burns and scalds, and is said to give instant relief and prevent suppuration.

Emplastrum Opii. B.P.
Composed of opium 1 oz., resin plaster 9 oz.

Stimulant.

Emplastrum Ammoniaci. Ph. Lond.
Composed of ammoniacum 5 oz., dilute acetic acid 8 fl.oz.

Emplastrum Ammoniaci cum Hydrargyro. B.P.
Composed of ammoniac 12 oz., mercury 3 oz., olive oil 1 fl.dr., sulphur 8 grs.

Emplastrum Aromaticum. Ph. Dub.
Composed of frankincense 3 oz., yellow wax ½ oz., cinnamon 360 grs., essential oil of pepper and oil of lemons, of each 2 fl.drs. Used as a stimulant application to the stomach in cases of atonic dyspepsia.

Emplastrum Assafœtidæ. Ph. Ed.
Composed of litharge plaster and assafœtida, of each 2 oz., galbanum and beeswax, of each 1 oz.

Emplastrum Calefaciens. B.P.

Composed of cantharides 1 oz., water 5 oz., expressed oil of nutmeg 1 oz., yellow wax 1 oz., resin 1 oz., soap plaster 13 oz., resin plaster ½ lb.

Emplastrum Ferri. B.P.

Composed of peroxide of iron 1 oz., Burgundy pitch 2 oz., litharge plaster 8 oz.

Emplastrum Galbani. B.P.

Composed of galbanum, ammoniac, yellow wax — of each 1 oz., litharge plaster 8 oz.

Emplastrum Hydrargyri. B.P.

Composed of mercury 3 oz., olive oil 1 fl.oz., resin 1 oz., litharge plaster 6 oz.

Emplastrum Picis. B.P.

Composed of Burgundy pitch 13 oz., common frankincense 6½ oz., resin 2¼ oz., yellow wax 2¼ oz., expressed oil of nutmeg ½ oz., olive oil 1 fl.oz., water 2 fl.oz.

Emplastrum Potassii Iodidi.

Composed of iodide of potassium 1 oz., frankincense 6 oz., wax 6 oz., olive oil 2 fl.oz.

Emplastrum Thuris. Ph. Dub.

Composed of litharge plaster 2 lbs., frankincense ½ lb., red oxide of iron 3 oz.

Vesicant.

Emplastrum Cantharidis. B.P.

Composed of cantharides 6 oz., yellow wax and suet, of each 3¾ oz., resin 1½ oz., lard 3 oz.

POULTICES.

Anodyne.

Cataplasma Conii. B.P.
Composed of hemlock leaf 1 oz., linseed meal 3 oz., boiling water 10 oz.

Disinfectant.

Cataplasma Carbonis. B.P.
Composed of wood charcoal ½ oz., bread 2 oz., linseed meal 1½ oz., water 10 oz.

Cataplasma Sodæ Chloratæ. B.P.
Composed of solution of chlorinated soda 2 fl.oz., linseed meal 4 oz., water 8 fl.oz.

Emollient.

Cataplasma Lini. B.P.
Composed of linseed meal 4 oz., olive oil ½ fl.oz., water 10 fl.oz.

Stimulant.

Cataplasma Fermenti. B.P.
Composed of beer yeast 6 fl.oz., flour 14 oz., water at 100° 6 fl.oz.

Cataplasma Sinapis. B.P.
Composed of mustard 2½ oz., linseed meal 2½ oz., water 10 fl.oz.

PART II.

MEDICINES WHICH ACT UPON THE BLOOD.

These are of two kinds—those which augment and those which diminish its plastic properties, or solid constituents. The former are constructive as regards the blood corpuscles; the latter destructive. The *Chalybeates* are the most important, and may be said almost to constitute the former class.

CHALYBEATES.

Ferri Ammonio Chloridum. Ph. Lond.

Prepared by acting on the sesquioxide of iron with hydrochloric acid, and subsequently adding hydrochlorate of ammonia.

Dose.—For an adult, 4 grs. to 12 grs.

Tinctura Ferri Ammonio Chloridi. Ph. Lond.

Composed of a solution of ferri ammonio chloridi 4 oz., with 1 pint of proof spirit and 1 of water.

Dose.—For an adult, ♏xv to f℥ss.

For a child a year old, ♏ij to ♏iij.

Ferri Arsenias. B.P.

Prepared by mixing a solution of arseniate and acetate of soda with one of sulphate of iron.

Dose.—For an adult, $\frac{1}{16}$ gr. to $\frac{1}{12}$ gr. in pill.

Ferri Carbonas Saccharata. B.P.

Prepared by first mixing solutions of sulphate of iron with carbonate of soda, and rubbing sugar with the resulting carbonate of iron.

Dose.—For an adult, 5 grs. to 10 grs.

Ferri et Ammoniæ Citras. B.P.

Prepared first by mixing solutions of persulphate of iron and ammonia, then to the hydrated peroxide adding a solution of citric acid; and lastly, neutralizing with solution of ammonia.

Dose.—For an adult, 5 grs. to 15 grs.
For a child a year old, ½ gr. to 1 gr.

Ferri et Quiniæ Citras. B.P.

Dose.—For an adult, 5 grs. to 10 grs.

It is intended that 5 grains should contain 1 grain of quinine.

Ferri Citras.

Prepared by acting on iron filings with citric acid.

Dose.—For an adult, 3 grs. to 10 grs.
For a child a year old, 1 gr.

Ferri Citras cum Strychnia.

Dose.—For an adult, 5 grs. to 10 grs.

This salt contains 1 gr. of the alkaloid in 100.

Ferri Citras Effervescens.

A compound of citro-tartrate of soda with citrate of iron; 3 grs. of the latter in 60 grs.

Dose.—For an adult, 60 grs. to 120 grs.

Ferri et Quinæ Citras Effervescens.

A compound of the ferri quinæ citras, with granular effervescing citro-tartrate of soda. It contains 3 grs. of the compound iron salt in 60 grs.

Dose.—As above.

Ferri et Cinchoniæ Citras Effervescens.

This is a compound of citro-tartrate of soda with cinchonine and iron; it contains 1⅓ gr. of the former with 1 of the latter to every 60 grs. of the salt.

Dose.—As above.

In addition to these there are *Ferri Carbonas Effervescens* and *Ferri Iodidi Effervescens*, containing respectively 2 grs. and 1 gr. of the iron salt in 60 grs. These are all very elegant preparations of the granular effervescing salts, and are well adapted to the more delicate constitutions.

Ferri Iodidum. B.P.

Prepared by boiling iron and iodine in water.
Dose.—For an adult, 3 grs. to 10 grs.

Pilula Ferri Iodidi. B.P.

Composed of iron wire 40 grs., iodine 80 grs., sugar 70 grs., liquorice root 140 grs., water 50 minims.
Dose.—For an adult, 5 grs. to 10 grs.

Syrupus Ferri Iodidi. B.P.

Prepared by first digesting iron and iodine together, and subsequently adding the syrup. The sp. gr. should be 1·385. This is about twice the strength of the preparation of the Ph. Lond., and contains about 10 grs. of the crystallized iodide in a fluid drm.
Dose.—For an adult, ♏xx to ℥j.
For a child a year old, ♏iij to ♏v.

Ferri Lactas.

Prepared by dissolving metallic iron in dilute lactic acid.
Dose.—For an adult, 2 grs. to 5 grs.

Ferri Peroxidum. B.P. (Ferri Sesquioxydum. Ph. Lond.)

Prepared by heating the hydrated peroxide.
Dose.—For an adult, 20 grs. to 60 grs.
For a child a year old, 2 to 3 grs.

This preparation, recently made, is used in large quantities as an antidote to arsenical poisoning.

Ferri Phosphas. B.P.

Prepared by mixing a solution of sulphate of iron with one of phosphate and acetate of soda.

Dose.—For an adult, 3 grs. to 5 or 10 grs.

Syrupus Ferri Phosphatis. B.P.

Prepared by adding to the well-washed precipitated phosphate, prepared as above, some dilute phosphoric acid; and lastly, sugar. 224 grs. of the original sulphate of iron are contained in 12 fl.oz. of the syrup, or about 2 grs. in the drachm.

Dose.—For an adult, f℥j to f℥iij.
For a child a year old, ♏x to ♏xx.

Ferri et Sodæ Pyrophosphas.

Dose.—For an adult, 8 grs. to 15 grs.

This is an exceedingly elegant and delicate preparation.

Syrupus Ferri Phosphatis Compositus.

This is a compound of the phosphate of iron and lime, in syrup.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, ♏x to ♏xx.

Ferrum Redactum. B.P.

Prepared by reducing the peroxide of iron with hydrogen gas.

Dose.—For an adult, 2 grs. to 5 grs. in powder, or pill with glycerine.

This preparation is best taken immediately after food.

Ferri Sulphas. B.P.

Prepared by acting on iron wire with dilute sulphuric acid.

Dose.—For an adult, 1 gr. to 3 grs.

Ferrum Tartaratum. B.P. (Ferri Potassio Tartras. Ph. Lond.)

Prepared by mixing a solution of persulphate of iron with one of soda, and, after washing the precipitate, adding it to a solution of acid tartrate of potash.

Dose.—For an adult, 10 grs. to 20 grs.
For a child a year old, 1 gr. to 2 grs.

Ferri Valerianas. Ph. Dub.

Prepared by the action of valerianate of soda on sulphate of iron.

Dose.—For an adult, 2 grs. to 5 grs.

Liquor Ferri Peracetatis.

A solution of peroxide of iron in acetic acid.

Dose.—For an adult, ♏x to ♏xxx.
For a child a year old, ♏iij to ♏v.

Liquor Ferri Peracetatis Ætherea.

A solution of the peracetate of iron in ether.

Dose.—For an adult, ♏x to ♏xxx.

Liquor Ferri Perchloridi. B.P.

Prepared by first acting on iron wire with dilute hydrochloric acid, and subsequently adding dilute nitric acid.

Dose.—For an adult, ♏iv to ♏viij.

This is seldom used except as a lotion. It is very powerfully astringent.

Liquor Ferri Pernitratis. B.P.

Prepared by acting on iron wire with dilute nitric acid.

Dose and uses.—As above.

Mistura Ferri Composita. B.P.

Prepared by mixing myrrh 60 grs., carbonate of potash 24 grs., sugar 60 grs., spirit of nutmeg 1 fl.dr., rose-water 7 fl.oz.; and to this adding a solution of sulphate of iron 30 grs., in 1 oz. of rose-water.

Dose.—For an adult, f℥j to f℥iss.
For a child a year old, f℥ss. to f℥j.

Pilula Ferri Carbonatis. B.P.

Composed of saccharated carbonate of iron 1 oz., confection of roses ½ oz.

Dose.—For an adult, 5 grs. to 10 grs.

Tinctura Ferri Perchloridi. B.P. (Tinctura Ferri Sesquichloridi vel Muriatis. Ph. Lond.)

A mixture of solution of perchloride of iron 5 fl.oz., in rectified spirit, 15 fl.oz.

Dose.—For an adult, ♏xx to f℥j.
For a child a year old, ♏iij to ♏v.

This preparation is about one-fourth the strength of the old Dublin tincture.

Vinum Ferri. B.P.

A solution of tartarated iron 160 grs. in a pint of sherry.

Dose.—For an adult, f℥ss. to f℥j.
For a child a year old, f℥j.

This contains 1 gr. of the salt in a drachm.

NOTE.—The preparations of iron are incompatible with all astringent vegetable infusions and their tinctures. Acids and acidulous salts decompose the saccharated carbonate, the mixture, the ammonio-citrate, the iodide, the peroxide, the phosphate, and the tartrate. Alkalis and their carbonates decompose the tincture, the sulphate, the pernitrate, and the iodide. The best time for the administration of all preparations of iron is shortly after food.

Manganesii Carbonas cum Saccharo.

Prepared by mixing solutions of sulphate of iron and manganese with carbonate of soda, and afterwards adding sugar.

Dose.—For an adult, 5 grs. to 20 grs.

Manganesii Sulphas.

Prepared by dissolving the carbonate in sulphuric acid.

Dose.—For an adult, 3 grs. to 8 grs.

The salts of manganese have lately been said to possess properties closely allied to the salts of iron as regards their action on the blood, and to be very useful in chlorosis and such like.

Oleum Morrhuæ. B.P.

Dose.—For an adult, ʒij to ℥j.

For a child a year old, ʒss. to ʒj.

Various compounds of cod-liver oil with other ingredients are made, such as iodide and other salts of iron, quinine, ozone, &c. Unless, however, these are used when freshly prepared, the oil in a week or two becomes rancid. The ozonized oil is the only exception, but its value is little, if at all, enhanced by the addition of the oxygen.

DEMULCENTS, EMOLLIENTS, &c.

Acacia. A gummy exudation from the stem of one or more undetermined species of Acacia.

Dose.—For an adult, 10 grs. to 60 grs.

For a child a year old, 3 grs. to 5 grs.

Mucilago Acaciæ. B.P. (Formerly Mistura Acaciæ.)

Composed of gum arabic 4 oz., water 6 fl.oz.

Dose.—For an adult, fʒj to f℥j.

For a child a year old, ♏x to fʒss.

It is decomposed by acids, acidulous salts, salts of lead, iron, and zinc, and tinctures.

Trochisci Acaciæ. Ph. Ed.

Composed of gum arabic 4 oz., starch 1 oz., sugar 1 lb.; make into a mass with rose-water, and divide into lozenges.

Dose.—Ad libitum. They are useful in irritations along the gastro-pulmonary passages, coughs, &c.

Althæa. The leaves and root of Althæa Officinalis.

Mistura Althææ. Ph. Ed.

Composed of Althæa root 4 oz., raisins 2 oz., water 5 pints, boiled to 3 pints.

Dose.—Ad libitum.

Syrupus Althææ. Ph. Lond.

Composed of Althæa root 1½ oz., sugar 3 lbs., water 1 pint, rectified spirit 2½ fl.oz.

Dose.—For children, f℥j to f℥ss.

Amylum. Starch procured from the seed of Triticum Vulgare. B.P.

Mucilago Amyli. B.P. (Formerly Decoctum Amyli.)

Composed of starch 120 grs., water 10 fl.oz.

Dose.—Ad libitum.

Amygdalus, the seeds of Amygdalus Communis. B.P.

Mistura Amygdalæ. B.P.

Composed of compound powder of almonds 2½ oz., water 1 pint.

Dose.—For an adult, f℥j to f℥iij.

For a child a year old, f℥j to f℥ij.

Pulvis Amygdalæ Compositus. B.P. (Formerly Confectio Amygdalæ. Ph. Lond.)
Composed of Jordan almonds 8 oz., sugar 4 oz., gum arabic 1 oz.
Used only for the preceding.

Oleum Amygdalæ. B.P.
Dose.—For an adult, fʒj. to fʒss.

Cetraria. The entire lichen Cetraria Islandica. B.P.

Decoctum Cetrariæ. B.P.
Composed of Iceland moss 1 oz., water 1½ pint; boil to a pint.
Dose.—For an adult, fʒiv., or ad libitum.
For a child a year old, ℥ss.

Glycyrrhiza. The root or underground stem of Glycyrrhiza Glabra. B.P.

Extractum Glycyrrhizæ. B.P.
A water extract of the root.
Dose.—Ad libitum.

Hordeum. The seeds of Hordeum Distichum deprived of their husks. B.P.

Decoctum Hordei. B.P.
Composed of pearl barley 2 oz., water 1½ pint.
Dose.—Ad libitum.

Decoctum Hordei Compositum. Ph. Lond.
Composed of decoction of pearl barley 2 pints, figs 2½ oz., liquorice root 300 grs., raisins 2½ oz.; boil.
Dose.—Ad libitum.

Lini. The seeds of Linum Usitatissimum. B.P.

Infusum Lini. B.P. (Formerly Infusum Lini Comp.)

Composed of linseed 160 grs., liquorice 60 grs., water 10 fl.oz.

Dose.—Ad libitum.

Mel. A saccharine secretion from Apis Mellifica. B.P.

Mel Boracis. B.P.

Composed of borax 64 grs., honey 1 oz.

Oxymel. B.P.

Composed of honey 40 oz., acetic acid 5 oz., water 5 oz.

Dose.—For an adult, f℥ to f℥j.
For a child a year old, ♏x to f℥ss.

Tragacanth. A gummy exudation from the stem of Astragalus Verus. B.P.

Mucilago Tragacanthæ. B.P.

Composed of tragacanth 100 grs., water 10 fl.oz.

Dose.—Ad libitum.

Pulvis Tragacanthæ Compositus. B.P.

Composed of tragacanth 1 oz., gum arabic 1 oz., starch 1 oz., sugar 3 oz.

Dose.—For an adult, 20 grs. to 120.
For a child a year old, 3 grs. to 10 grs.

Tussilago. All parts of the plant Tussilago farfara.

Decoctum Tussilaginis.

Composed of 1 oz. or 2 oz. of the plant boiled in 1 or 2 pints of water.

Dose.—For an adult, ℥ij to ℥iv., or ad libitum.

This is a very agreeable, old-fashioned remedy for irritable and troublesome coughs.

LIQUEFACIENTS.

The class of liquefacients includes all the alkalis, and the preparations of iodine, bromine, sulphur, mercury, lead, and antimony.

Alkalis, &c.

Ammonia.

Liquor Ammoniæ Acetatis. B.P.

A neutral solution of acetate of ammonia: prepared by mixing about 3½ fl.oz. of strong solution of ammonia with 10 fl.oz. of acetic acid.

Dose.—For an adult fʒss. to fʒij.

For a child a year old, ♏iij to ♏x.

This preparation is about 5 times stronger than that of the Ph. Lond. It is incompatible with acids, acidulous salts, and alkalis.

Ammoniæ Carbonas. B.P. (Formerly Ammoniæ Sesquicarbonas. Ph. Lond.)

Dose.—For an adult, 3 grs. to 10 grs.

For a child a year old, ¼ gr. to ½ gr.

Liquor Ammoniæ Citratis. Ph. Lond.

A saturated solution of citrate of ammonia prepared by mixing solutions of citric acid 3 oz., and carbonate of ammonia 2½ oz., water 1 pint.

Dose.—For an adult, fʒij to fʒj.

Ammoniæ Bromidum.

Dose.—For an adult, 2 grs. to 8 grs.

This preparation is also made in the granulated effervescing form containing 2 grains of the salt in 60 grs. The dose is 60 grs. to 120 grs. for an adult.

Ammoniæ Hydrochloras. B.P.

Prepared from the ammoniacal liquor obtained from making coal gas.

Dose.—For an adult, 5 grs. to 30 grs.
For a child a year old, 2 grs.

It is incompatible with acids and caustic alkalis.

Ammoniæ Iodidum.

Dose.—For an adult, 2 grs. to 8 grs.

Ammoniæ Nitras Effervescens.

Dose.—For an adult, 30 grs. to 40 grs.
60 grains contain 5 grs. of the nitrate.

Ammoniæ Phosphas. B.P.

Prepared by acting on strong solution of ammonia with dilute phosphoric acid.

Dose.—For an adult, 5 grs. to 15 grs.
For a child a year old, 1 gr.

Ammoniæ Valerianas.

Dose.—For an adult, 2 grs. to 8 grs.

As this salt is exceedingly deliquescent, it is best kept as a solution containing 25 per cent. of the salt, the dose being 15 to 30 drops.

Liquor Ammoniæ. B.P.

Composed of 1 part of strong solution of ammonia, and 2 parts of water; the sp. gr. is ·959.

Dose.—For an adult, ♏v to ♏xxx.
For a child a year old, ♏j to ♏ij.

Liquor Ammoniæ Fortior. B.P.

Prepared by distilling muriate of ammonia, slaked lime, and water: it contains 32½ per cent. of pure ammonia; sp. gr. ·891.

Dose.—For an adult, ♏iij to ♏vj.

Calx.

Liquor Calcis. B.P.

A saturated solution of lime, prepared by adding a gallon of water to 2 oz. of slaked lime.

Dose.—For an adult, f℥j to f℥iv.
For a child a year old, fʒj to fʒij.

Liquor Calcis Saccharatus. B.P.

The above, with the addition of sugar which increases the solubility of lime in water. It contains about 12 times as much lime as the liquor calcis.

Dose.—For an adult, f℥ss to f℥j.
For a child a year old, ♏x to ♏xx.

Creta Præparata. B.P.

Prepared by washing common chalk in water.

Dose.—For an adult, 10 grs. to 30 grs.
For a child a year old, 3 grs.

Mistura Cretæ. B.P.

Composed of prepared chalk and gum arabic ¼ oz. of each, syrup ½ fl.oz., cinnamon water 8 fl.oz.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, fʒj to fʒij.

Calcis Phosphas. B.P.

Prepared by the action of hydrochloric acid on bone ash, and subsequent precipitation with solution of ammonia.

Dose.—For an adult, 10 grs. to 30 grs.
For a child a year old, 3 grs.

Calcis Hypophosphas.

Dose.—For an adult, 2 grs. to 5 grs.

Lithia Carbonas. B.P.

Dose.—For an adult, 5 grs. to 10 grs.

Lithia Citras. B.P.

Dose.—For an adult, 5 grs. to 10 grs.

Lithia Citras Effervescens.

Dose.—For an adult, 60 grs. to 120 grs.
For a child a year old, 5 grs. to 8 grs.
It contains 2 grs. of lithia in 60 grs.

Magnesia. B.P.

Prepared by calcining carbonate of magnesia.
Dose.—For an adult, 20 grs. to 40 grs.
For a child a year old, 5 grs.

Magnesia Levis. B.P.

Dose.—As above.

Magnesiæ Carbonas. B.P.

Prepared from the sulphate by the action of carbonate of soda.
Dose.—As above.

Magnesiæ Carbonas Levis. B.P.

Dose.—As above.

Magnesiæ Sodio Citras.

Dose.—For an adult, 60 grs. to 120 grs.
For a child a year old, 5 grs. to 10 grs.

Magnesiæ Sulphas. B.P.

Dose.—For an adult, 15 grs. to 120 grs., or ℥ss.
For a child a year old, 5 grs. to 10 grs.

All the preparations of magnesia are incompatible with acids, acidulous salts, metallic salts, and muriate of ammonia. The first two preparations are also incompatible with lime water.

Potassium.

Liquor Potassæ. B.P.

Prepared from a solution of the carbonate by the addition of slaked lime and water.

Dose.—For an adult, ♏x to ♏xxx.
For a child a year old, ♏ij.

Liquor Potassæ Brandishii.

Composed of American pearlashes 6 lbs., ash-wood ashes 2 lbs., quicklime 2 lbs., boiling-water 6 gallons.

Dose.—For an adult, ♏x to ♏xxx.
For a child a year old, ♏ij.

Potassæ Acetas. B.P.

Prepared by the action of acetic acid on carbonate of potash.

Dose.—For an adult, 15 grs. to 40 grs.
For a child a year old, 3 grs.

Potassæ Bromidum. B.P.

Prepared by the action of bromine on solution of potash.

Dose.—For an adult, 3 grs. to 10 grs.
For a child a year old, ½ gr.

Potassæ Carbonas. B.P.

Prepared by washing pearlashes.

Dose.—For an adult, 10 grs. to 30 grs.
For a child a year old, 3 grs.

20 grains of carbonate of potash are saturated by 17 grs. of citric acid, 18 grs. of tartaric acid, and 4 drs. of lemon-juice.

Potassæ Bicarbonas. B.P.

Prepared from the carbonate by the addition of carbonic acid gas to a solution of it.

Dose.—The same as the preceding.

Liquor Potassæ Effervescens.

A solution of bicarbonate of potash, into which a stream of carbonic acid is passed under strong pressure.

Dose.—For an adult, f℥ij to ℥jv.

Potassæ Chloras. B.P.

Prepared by passing a stream of chlorine gas through a solution of carbonate of potash and lime.

Dose.—For an adult, 10 grs. to 20 grs.
For a child a year old, 2 grs.

Potassæ Citras. B.P.

Prepared by adding a solution of citric acid to one of carbonate of potash.

Dose.—For an adult, 10 grs. to 20 grs.
For a child a year old, 2 grs.

Potassæ Hypophosphis.

Dose.—For an adult, 5 grs. to 10 grs.
For a child a year old, gr. ss. to 1 gr.

Potassii Iodidum. B.P.

Prepared by adding iodine to a solution of potash.

Dose.—For an adult, 3 grs. to 10 grs.
For a child a year old, ½ gr. to 1 gr.

Potassæ Nitras. B.P.

Prepared by washing the commercial salt.

Dose.—For an adult, 10 grs. to 30 grs.
For a child a year old, 2 grs.

Potassæ Nitras Effervescens.

Dose.—For an adult, 60 grs. to 120 grs.
For a child a year old, 5 grs. to 10 grs.
It contains 5 grs. of nitre in 60 grs.

Potassæ Sulphas. B.P.

Dose.—For an adult, 15 to 30 grs.
For a child a year old, 3 grs.

Potassæ Tartras. B.P.

Prepared by the action of carbonate of potash on acid tartrate of potash.

Dose.—For an adult, 60 grs. to 120 grs.
For a child a year old, 3 grs. to 5 grs.

Potassæ Tartras Acida. B.P. (Formerly Potassæ Bitartras.)

Dose.—For an adult, 20 grs. to 60 grs.
For a child a year old, 5 grs. to 8 grs.

Potassii Sulphurata. B.P. (Formerly Potassii Tersulphuretum.)

Prepared by the action of sublimed sulphur on carbonate of potash.

Dose.—For an adult, 4 grs. to 10 grs.

The preparations of potash are incompatible with mineral acids, acidulous and most metallic salts, with muriate of ammonia and lime-water; by the salts of lead and silver.

Sodium.

Liquor Sodæ. B.P.

Prepared by acting on solution of carbonate of soda with slaked lime.

Dose.—For an adult, ♏x to ♏xxx.
For a child a year old, ♏ij.

Sodæ Arsenias. B.P.

Prepared by the action of arsenious acid on nitrate and carbonate of soda.

Dose.—For an adult, $\frac{1}{16}$th to $\frac{1}{8}$th gr.

Liquor Sodæ Arseniatis. B.P.

A solution of arseniate of soda, 4 grs., in an ounce of water.

Dose.—For an adult, ♏v to ♏x.
For a child a year old, ♏ss.

Sodæ Acetas.

Prepared by the action of acetic acid on carbonate of soda.

Dose.—For an adult, 15 grs. to 120 grs.

Sodæ Carbonas. B.P.

Prepared by washing the impure carbonate.

Dose.—For an adult, 10 grs. to 30 grs.
For a child a year old, 2 grs. to 3 grs.

20 grs. of the crystallized carbonate are saturated by 10 grs. of citric acid, 10 of tartaric acid, and 2½ drs. of lemon-juice.

Sodæ Carbonas Exsiccata. B.P.

Prepared by heating the carbonate.

Dose.—For an adult, 5 grs. to 20 grs.
For a child a year old, 1 gr. to 2 grs.

54 grs. of this preparation are equal to 144 grs. of the crystallized.

Sodæ Bicarbonas. B.P.

Prepared by passing carbonic acid gas through a solution of the carbonate.

Dose.—For an adult, 10 grs. to 30 grs.
For a child a year old, 2 grs. to 3 grs.

Sodæ Biboras. B.P.

Dose.—For an adult, 20 grs. to 40 grs.
For a child a year old, 2 grs. to 4 grs.

Liquor Sodæ Effervescens.

Prepared in the same way as liquor potassæ effervescens.

Dose.—For an adult, f℥ij to f℥iv.

Sodæ Hyposulphis.

Dose.—For an adult, 20 grs. to 60 grs.
For a child a year old, 3 grs.

Sodæ Bisulphis.

Dose.—For an adult, 20 grs. to 40 grs.
For a child a year old, 2 grs. to 8 grs.

Sodæ Hypophosphis.

Dose.—For an adult, 5 grs. to 10 grs.

Sodæ Citro Tartras Effervescens.

Dose.—For an adult, 60 grs. to ½ oz.

Sodii Iodidi Effervescens.

Dose.—For an adult, 60 grs. to 120 grs.

60 grs. contain 2 grs. of iodide of sodium.

Sodæ Sulphas. (Glauber's Salts.)

Dose.—For an adult, 60 grs. to 120 grs.

For a child a year old, 3 grs. to 5 grs.

Sodæ et Potassæ Tartras. B.P.

Dose.—For an adult, 60 grs. to 120 grs.

For a child a year old, 3 grs. to 5 grs.

Sodæ Phosphas. B.P.

Dose.—For an adult, 60 to 120 grs. or ½ oz.

For a child a year old, 5 grs. to 10 grs.

The salts of soda are decomposed in the same way as the salts of potash.

The following will be found useful, and may be mad very agreeable refrigerant draughts :—

Potassæ Bicarbonas 20 grs. in effervescence with . . .	Acidum Citricum 14 grs. Acidum Tartaricum 15 grs. Succus Limonis f℥iijss.
Potassæ Carbonas 20 grs. in effervescence with . . .	Acidum Citricum 17 grs Acidum Tartaricum 18 gr Succus Limonis f℥ss.
Sodæ Bicarbonas 20 grs. in effervescence with . . .	Acidum Citricum 17 grs. Acidum Tartaricum 18 grs. Succus Limonis f℥ss.
Ammoniæ Carbonas 20 grs. in effervescence with . . .	Acidum Citricum 24 grs. Acidum Tartaricum 25 grs. Succus Limon ℥ss f℥vj.

The respective quantities here indicated are just sufficient to render the reaction neutral.

Antimonials.

Antimonium.

Antimonii Oxydum. SbO_3. B.P. (Antimonii Teroxydum. Ph. Ed.)

Prepared by the action of carbonate of soda on terchloride of antimony.

Dose.—For an adult, ½ gr. to 2 grs. or 5 grs.

Antimonium Sulphuratum. B.P. (Oxysulphuret of Antimony. Ph. Lond.)

Prepared by the action of sulphuric acid or the sulphuret of antimony.

Dose.—For an adult, 1 gr. to 4 grs.
For a child a year old, $\frac{1}{8}$th gr. to ¼ gr.

Pulvis Antimonialis. B.P. (James's Powder, Pulvis Antimonialis Composita. Ph. Lond.)

A mixture of oxide of antimony 1 part, with 2 parts of phosphate of lime.

Dose.—For an adult, 2 grs. to 10 grs.

Antimonium Tartaratum. B.P. (Antimonii Potassio Tartras. Ph. Lond.)

Prepared by the action of acid tartrate of potash on oxide of antimony.

Dose.—For an adult, $\frac{1}{12}$th gr. to ½ gr.

Vinum Antimoniale. B.P. (Vinum Antimonii Potassio Tartratis.)

A solution of tartarated antimony grs., in sherry 1 pint.

Dose.—For an adult, ♏xv to ♏xxx, or ℥ij.
For a child a year old, ♏iij to ♏v.

It is decomposed by acids, alkalis and their carbonates, lime-water, the acetates of lead, and most bitter and astringent infusions.

Iodines.

Iodum. B.P.

Dose.—For an adult, ½ gr. in pill freshly prepared.
It is rarely used on account of its irritating action on the stomach.

Tinctura Iodi. B.P. (Formerly Tinctura Iodinii Composita.)

A solution of iodine ½ oz., iodide of potassium ¼ oz., spirit 1 pint.
Dose.—For an adult, ♏v to ♏x, in sherry.

Acidum Iodicum.

Prepared by boiling iodine in nitric acid.
Dose.—For an adult, 3 grs. to 10 grs.
For a child a year old, ½ gr. to 1 gr.

Acidum Hydriodicum.

Dose.—For an adult, f℥j to f℥j.
For a child a year old, ♏v to ♏x.

Dr. Buchanan introduced this medicine. He says it possesses all the therapeutical powers of iodine without its irritating properties.

Iodum Sulphuris.

Prepared by heating together iodine and sulphur.
Dose.—For an adult, 1 gr. to 5 grs. in pill.

Mercurials.

Hydrargyrum.

Hydrargyrum cum Cretâ. B.P.

A mixture of mercury 1 oz., with prepared chalk 2 oz.
Dose.—For an adult, 5 grs. to 20 grs.
For a child a year old, 1 gr. to 2 grs.
It is decomposed by acids and acidulous salts.

Pilula Hydrargyri. B.P.

Composed of mercury 2 oz., confection of roses 3 oz., liquorice-root 1 oz.

Dose.—For an adult, 3 grs. to 10 grs.

Hydrargyri Oxydum. Ph. Lond.

Prepared by decomposing calomel by lime-water.

Dose.—For an adult, ½ gr. to 2 grs.

Calomelas. Hg_2Cl. (Hydrargyri Chloridum. Ph. Lond.) B.P.

Prepared by rubbing together mercury and sulphate of mercury, and subsequently acting on it by chloride of sodium, the whole to be sublimed and washed.

Dose.—For an adult, 1 gr. to 2 or 5 grs.

For a child a year old, ¼ gr. to ½ gr.

Decomposed by ammonia, potash, soda, and lime, and the salts of iron, copper, and lead.

Pilula Calomelanos Composita. B.P. (Plummer's pill. Pil.Hyd.Chlor.Comp. Ph.Lond.)

Composed of calomel 1 oz., sulphuretted antimony 1 oz. guaiacum 2 oz., castor oil 1 fl.oz.

Dose.—For an adult, 3 grs. to 10 grs.

It contains one grain of calomel in five.

Hydrargyri Corrosivum Sublimatum. HgCl. B.P. (Hydrargyri Bichloridum. Ph. Lond.)

Dose.—For an adult, $\frac{1}{16}$th gr. to ⅛th gr. in pill, or in solution with hydrochlorate of ammonia.

Liquor Hydrargyri Bichloridi. Ph. Lond.

Composed of corrosive sublimate and hydrochlorate of ammonia, of each 10 grs., water 1 pint.

Dose.—For an adult, f℥j to f℥ij.

For a child a year old, ♏v to ♏x.

A drachm of the solution contains $\frac{1}{16}$th gr. of corrosive sublimate.

It is decomposed by ammonia, potash, soda, and their carbonates, lime water, the acetates of lead, and infusions of bitter and astringent vegetables.

Hydrargyri Iodidum Rubrum. HgI. B.P. (Formerly Hydrargyri Biniodidum.)

Dose.—For an adult, $\frac{1}{12}$ gr. to $\frac{1}{4}$ gr. in pill.

Liquor Arsenici et Hydrargyri Hydriodatis. (Donovan's Solution.)

This is a solution of the iodi-arsenite of mercury.

Dose.—For an adult, ♏v to ♏xxx.

Hydrargyri Bisulphuretum. (Black Sulphuret of Mercury.) Ph. Lond.

Dose.—For an adult, 5 grs. to 20 grs.
For a child a year old, 1 gr. to 2 grs.

Plumbines.

Plumbum.

Plumbi Acetas. B.P.

Prepared by the action of acetic acid on litharge.

Dose.—For an adult, 1 gr. to 2 grs. or 5 grs.

All the salts of lead are decomposed by sulphuric acid, the sulphates, phosphates and carbonates, liquor ammoniæ, acetates, and opium when in solution.

Plumbi Iodidum. Ph. Lond.

Prepared by the action of iodide of potassium on acetate of lead.

Dose.—For an adult, $\frac{1}{2}$ gr. to 2 grs. or 4 grs. in pill.

Plumbi Saccharas.

Prepared by saturating an aqueous solution of saccharic acid with freshly precipitated and moist carbonate of lead.

This preparation is said to possess active decomposing powers on phosphatic calculi, and has been injected into the bladder for that purpose with very good effect. A nitro-saccharate is also prepared by dissolving the saccharate in cold dilute nitric acid, and is said to possess the same properties.

REFRIGERANTS.

Acids.

Acidum Aceticum. B.P. (About $\frac{1}{15}$ weaker.)
Prepared from wood by destructive distillation. It contains 28 per cent. of anhydrous acetic acid.
Dose.—For an adult, ♏iij to ♏x.

Acidum Aceticum Aromaticum. Ph. Edin.
Composed of rosemary and origanum dried, of each 1 oz., lavender ½ oz., cloves 30 grs., acetic acid 1½ pint.
Dose.—For an adult, ♏v to ♏xv.
For a child a year old, ♏j to ♏ij.

Acidum Aceticum Dilutum. B.P.
Composed of acetic acid 1 oz., water 7 oz. (or f℥j acid to f℥j.) About one-third weaker than before.
Dose.—For an adult, ♏xxx to f℥ij.
For a child a year old, ♏iij to ♏v.

Acidum Citricum. B.P.
Prepared from the juice of Citrus Limonum.
Dose.—For an adult, 10 grs. to 30 grs.
For a child a year old, 2 grs. to 3 grs.

This acid is seldom given alone, though it forms a pleasant cooling drink. It is decomposed by the strong acids, and with alkalis it forms citrates, though it requires different quantities for its complete saturation, thus—

20 grs. of the acid require 29 grs. of bicarbonate of potash.
" " 24 " " soda.
" " 17 " carbonate of ammonia.

Acidum Hydrochloricum. B.P.
Prepared by distilling chloride of sodium with sulphuric acid. Used chiefly as a caustic or lotion, seldom internally, except as

Acidum Hydrochloricum Dilutum. B.P.

Composed of 3 oz. of the strong acid to 8 oz. of water.

Dose.—For an adult, ♏x to ♏xxx.
For a child a year old, ♏j to ♏iij.

Acidum Hydrocyanicum Dilutum.

Prepared by acting on ferrocyanide of potassium with sulphuric acid.

Dose.—For an adult, ♏ij to ♏vij.
For a child a year old, ♏¼ to ♏½.

It contains 2 per cent. of pure anhydrous acid, and rather more than half as much as the acidum hydrocyanicum. — Ed. Scheele's acid, though uniformly stronger than the above, is of such uncertain strength that it ought not to be used.

Acidum Lacticum.

Prepared by the fermentation of cane sugar with cheese.

Dose.—For an adult, ♏x to ♏xv.

Acidum Nitricum. B.P.

Prepared by distilling sulphuric acid and nitrate of potash. Used chiefly as a caustic or lotion, or as

Acidum Nitricum Dilutum. B.P.

Composed of nitric acid 2 fl.oz., water 13 fl.oz.

Dose.—For an adult, ♏x to ♏xl.
For a child a year old, ♏ij to ♏iij.

It is incompatible with sulphate of iron.

Acidum Nitro-hydrochloricum Dilutum. B.P.

Composed of nitric acid 2 fl.oz., hydrochloric acid 4 fl.oz., water 26 fl.oz.

Dose.—For an adult, ♏xv to ♏xxx.
For a child a year old, ♏ij to ♏iij.

The nitro-muriatic acid bath is composed of ℥j or ℥ij of this acid, and a gallon of water.

Acidum Phosphoricum Dilutum. B.P.

Prepared by distilling together phosphorus, nitric acid, and water.

Dose.—For an adult, ♏x to ♏xxx.
For a child a year old, ♏iij.

This preparation is much stronger than that of the last Pharmacopœia. It contains 413 grs. of phosphorus in the pint instead of 360 grs., as heretofore.

Acidum Sulphuricum. B.P.

Prepared by distilling commercial sulphuric acid and sulphate of ammonia. It is seldom or never used internally.

Acidum Sulphuricum Dilutum. B.P.

Composed of sulphuric acid 3 fl.oz., water 35 oz.

Dose.—For an adult, ♏x to ♏xxx.
For a child a year old, ♏ij.

Acidum Sulphuricum Aromaticum. B.P.

Prepared by digesting cinnamon 2 oz., ginger 1¼ oz., with sulphuric acid 3 fl.oz., rectified spirit 40 fl.oz.

Dose.—For an adult, ♏x to ♏xxx.
For a child a year old, ♏iij.

Acidum Tartaricum. B.P.

Prepared from acid tartrate of potash by the action of chalk, chloride of calcium, and subsequent separation by means of sulphuric acid.

Dose.—For an adult, 10 grs. to 30 grs.
For a child a year old, 3 grs.

It is incompatible with alkalis and their carbonates.

PART III.

MEDICINES WHICH ACT UPON THE NERVOUS SYSTEM.

These may be conveniently classed under two divisions, according as they severally affect the *cerebro-spinal centres of animal life*, or the *ganglionic centres of organic life*. The former includes the great classes of *narcotics* and *tonics*, the latter the equally important classes of *stimulants* and *sedatives*.

MEDICINES WHICH ACT UPON THE CEREBRO-SPINAL SYSTEM.

Narcotics, Hypnotics, Anodynes, &c.

Æther, an oxide of Ethyl, C_4H_5O. B.P. (Æther Sulphuricus. Ed. Dub.)

Spiritus Ætheris. Sp. gr. 0·809. B.P. (Formerly Spiritus Ætheris Compositus.)

A mixture of ether 10 fl.oz., and rectified spirit 1 pint.

Dose.—For an adult, ♏xx to ℥j.

For a child a year old, ♏iij.

Acidum Hydrocyanicum Dilutum. B.P.

Prepared by the action of sulphuric acid on ferrocyanide of potassium.

Dose.—For an adult, ♏ij to ♏vij.

For a child a year old, ♏¼ to ♏½.

This acid contains 2 per cent. of anhydrous acid.

Aconitium. (The fresh leaves and flowering tops of Aconitum Napellus.) B.P.

Extractum Aconiti. B.P.

The expressed juice evaporated to a proper consistence.

Dose.—For an adult, 1 gr. to 5 grs.

This preparation is of very uncertain strength.

Aconiti Radix. (The dried root.) B.P.

Aconitia. B.P.

This is so exceedingly powerful as a poison, that its internal administration is always dangerous; even $\frac{1}{60}$th of a grain has been known to produce evil results. It is intended only for external use.

Tinctura Aconiti. B.P.

Prepared by macerating 2½ oz. of the root in 1 pint of rectified spirit.

Dose.—For an adult, ♏x to ♏xv.

This preparation is just one-third the strength of that in the Ph. Lond., and one-fourth that of the Ph. Dub.

Actæa Racemosa.

Tinctura Actææ Racemosæ.

Composed of the root of actæa 4 oz., rectified spirit 16 fl.oz.

Dose.—For an adult ℥ss. to ℥ij.

For a child a year old, ♏v.

This drug is said to possess powerful anodyne properties in lumbago and acute rheumatism. It is also useful in chorea.

Belladonna. (The fresh dried leaves of Atropa Belladonna.) B.P.

Extractum Belladonnæ. B.P.

The expressed juice evaporated to a proper consistence.

Dose.—For an adult, ½ gr. to 1 gr.

Tinctura Belladonnæ. B.P.

Composed of belladonna leaves 1 oz., proof spirit 1 pint.

Dose.—For an adult, ♏xv to ♏xxx.
For a child a year old, ♏j to ♏ij.

This preparation is about half the strength of Tinctura Belladonnæ. Ph. Lond.

Succus Belladonnæ.

Dose.—For an adult, ♏x to ♏xx.

Belladonna Radix. The dried root. B.P.

Atropia. The alkaloid obtained from the root. B.P.

Dose.—For an adult, $\frac{1}{30}$ gr. to $\frac{1}{10}$ gr.

Liquor Atropiæ. (Tinctura Atropiæ.) B.P.

Composed of atropine 4 grs., rectified spirit 1fl.dr., water 7 fl.dr.

Dose.—For an adult, ♏iij to ♏v.

Camphor. The concrete volatile oil of Camphora Officinarum. B.P.

Dose.—For an adult, 3 grs. to 40 grs.

Spiritus Camphoræ. B.P.

Composed of camphor 1 oz., rectified spirit 9 fl.oz.

Dose.—For an adult, ♏x to ℥j.
For a child a year old, ♏j to ♏iij.

Should be given in emulsion or mucilage.

Cannabis Indica. The flowering tops of the female plant of Cannabis Sativa. B.P.

Extractum Cannabis Indicæ. B.P.

A spirituous extract evaporated to a proper consistence.

Dose.—For an adult, 3 grs. to 8 grs.

Tinctura Cannabis Indicæ. B.P.

A solution of 1 oz. of the extract in a pint of rectified spirit.

Dose.—For an adult, ♏xx to ℥j.
For a child a year old, ♏ij to ♏iij.

Chloroformum, a terchloride of Formyle. $C_2H.Cl_3$. Sp. Gr. 1·496. B.P.

Formed by first distilling a mixture of rectified spirit and water with slaked and chlorinated lime. The product is well mixed, and washed with water again and again; it is then to be washed with sulphuric acid and chloride of calcium, and slaked lime to be afterwards added; finally, it is to be distilled by a water-bath.

Dose.—For an adult, ♏iij to ♏v or ♏x., in emulsion, or by inhalation.

Chlorodyne.

This is generally believed to be a mixture of chloroform, morphia, and Indian hemp.

Dose.—For an adult, ♏x to ♏xx.

It appears to possess agreeable soothing properties, without any of the unpleasant effects of opium.

Codeia. One of the alkaloids obtained from Opium.

Dose.—For an adult, ½ gr. to 2 grs.

This is said to be of great value as a hypnotic, with none of the evil effects of opium.

Conium. The ripe fruit of Conium Maculatum. B.P.

Extractum Conii. B.P.

The expressed juice of the fresh leaves and young branches evaporated to a proper consistence.

Dose.—For an adult, 5 grs. to 30 grs.

Succus Conii. B.P.

Composed of 3 measures of the juice of hemlock, and 1 of spirit.

Dose.—For an adult, ♏x to ♏xxx or f℥j.

Tinctura Conii Fructus. B.P.

Composed of hemlock fruit 2½ oz., proof spirit 1 pint.

Dose.—For an adult, ♏xx to f℥j or f℥ij.

For a child a year old, ♏ij to ♏iij or ♏v.

Hyoscyamus. The fresh leaves and small branches of Hyoscyamus Niger. B.P.

Extractum Hyoscyami. B.P.

The expressed juice of the fresh leaves and young branches evaporated to a proper consistence.

Dose.—For an adult, 5 grs. to 20 grs.

Tinctura Hyoscyami. B.P.

Composed of the fresh leaves 2½ oz., proof spirit 1 pint.

Dose.—For an adult, ♏xx to f℥j, or f℥ij.

For a child a year old, ♏ij to ♏iij.

Succus Hyoscyami.

Dose.—For an adult, ♏x to ♏xx.

Digitalis. The dried leaf of Digitalis purpurea. B.P.

Extractum Digitalis. Ph. Lond. and Ed.

The expressed juice of the fresh leaves evaporated to a proper consistence.

Dose.—For an adult, 1 gr. to 5 grs.

Infusum Digitalis. B.P.

An infusion of 30 grs. of dry digitalis in 10 fl.oz. of water.

Dose.—For an adult, f℥ss. to f℥ij.

For a child a year old, f℥ss. to f℥j.

Tinctura Digitalis. B.P.

Composed of Digitalis 2½ oz., proof spirit 1 pint.
Dose.—For an adult, ♏xx to f℥ij., or even f℥ss.
For a child a year old, ♏iij to ♏v.

Very large doses of this drug have lately been given in various diseases, and with none of the bad effects usually anticipated. It has been described as a tonic to the involuntary muscles, the uterus, and heart. It is only in large doses that its effect on the cerebro-spinal system is seen.

Digitalinum. B.P.

The active principle of Digitalis.
Dose.—For an adult, $\frac{1}{60}$ gr. to $8\frac{1}{30}$ grs.

Lupulus. The dried catkins of the female plant of Humulus Lupulus. B.P.

Extractum Lupuli. B.P.

An aquo-spirituous extract.
Dose.—For an adult, 5 grs. to 20 grs.

Infusum Lupuli. B.P.

An infusion of ½ oz. hops in 10 fl. oz. water.
Dose.—For an adult, f℥ij to f℥iij.
For a child a year old, f℥j to f℥ij.

Tinctura Lupuli. B.P.

Composed of hops 2½ oz., proof spirit 1 pint.
Dose.—For an adult, f℥ss. to f℥ij.
For a child a year old, ♏v to ♏x.

Lupulina.

The grains or glands of the hop separated from the strobiles by rubbing and sifting.
Dose.—For an adult, 6 grs. to 20 grs.

Tinctura Lupulinæ.

Composed of 5 oz. of the preceding, with 2 pints rectified spirit.

Dose.—For an adult, fʒss. to fʒij.

For a child a year old, ♏v to ♏x.

These two preparations have much more of the narcotic property than those of the British Pharmacopœia.

As all the preparations of hop contain tannin, they are incompatible with the salts and preparations of iron.

Lactucarium. Lettuce Opium.

The inspissated juice of the leaves of Lactuca virosa.

Dose.—For an adult, 3 grs. to 5 grs. or 10 grs.

Tinctura Lactucarii.

Composed of lactucarium 4 oz., proof spirit 2 pts.

Dose.—For an adult, ♏v to ♏x, or ♏xx.

For a child a year old, ♏j to ♏iij.

Extractum Lactucæ. The expressed juice of Lactuca Sativa.

Dose.—For an adult, 5 grs. to 15 grs.

It resembles, but is much inferior to the preceding.

Opium. The inspissated juice of the unripe capsules of Papaver Somniferum. B.P.

Dose.—For an adult, ⅓ gr. to 2 grs.

For a child a year old, $\frac{1}{30}$ gr. to $\frac{1}{20}$ gr.

Acetum Opii. (Dub. Ph.)

Composed of opium 1½ oz., distilled vinegar 16 fl.oz.

Dose.—For an adult, ♏vj to ♏xxx.

For a child a year old, ♏½.

This preparation contains about 5 grs. of opium in a fluid drachm. The Edinburgh acetum is nearly three times as strong. Both preparations are said to be more efficacious, and to produce less unpleasant symptoms than the tincture.

Enema Opii. B.P.

Composed of tincture of opium ℥ss., mucilage of starch 2 fl.oz.

Extractum Opii. B.P.

A watery extract, evaporated to a proper consistence.

Dose.—For an adult, ¼ gr. to 1 gr.

This preparation is about one-third stronger than opium itself.

Extractum Opii Liquidum. B.P.

Composed of extract of opium 1 oz., water 17 fl.oz., rectified spirit 3 fl.oz.

Dose.—For an adult, ♏v to ♏xxx.

For a child a year old, ♏¼ to ♏½.

A drachm of the extract is equal to about 3½ grs. of opium.

Confectio Opii. Ph. Lond.

Composed of opium 360 grains, long pepper 1 oz., ginger 2 oz., carraway 3 oz., tragacanth 2 oz., syrup 16 oz.

Dose.—For an adult, 10 grs. to 60 grs.

This preparation contains 1 grain of opium in 36.

Tinctura Opii Ammoniata. Ph. Ed.

Composed of benzoic acid and saffron, of each 360 grs., opium ½ oz., oil of anise 1 dr., spirit of ammonia 2 pints.

Dose.—For an adult, f℥ss. to f℥ij.

For a child a year old, ♏iij to ♏v.

Pilula Opii. B.P. (Pilula Saponis Composita. Ph. Lond.)

Composed of opium ½ oz., hard soap 2 oz., water q. s.

Dose.—For an adult, 3 grs. to 10 grs.

5 grs. contain 1 of opium.

Pilula Plumbi cum Opio. B.P.

Composed of acetate of lead 36 grs., opium 6 grs., confection of roses 6 grs.

Dose.—For an adult, 3 grs. to 5 grs.

Four grains contain 3 grains of acetate of lead, and ⅙ gr. each of opium and confection.

Pulvis Cretæ Aromaticus cum Opio. B.P. (Pulvis Cretæ Compositus cum Opio. Ph. Lond.)

Composed of aromatic chalk powder 9¾ oz., opium ¼ oz.

Dose.—For an adult, 20 grs. to 40 grs.
For a child a year old, 1 gr. to 2 grs.

40 grains contain 1 of opium.

Pulvis Ipecacuanhæ cum Opio. B.P. (Pulvis Ipecacuanhæ Compositus. Dover's Powder.)

Composed of ipecacuan in powder ½ oz., opium ½ oz., sulphate of potash 4 oz.

Dose.—For an adult, 5 grs. to 20 grs.
For a child a year old, ¼ gr. to ½ gr.

10 grs. of the powder contain 1 gr. of opium.

Pulvis Kino cum Opio. B.P. (Pulvis Kino Compositus. Ph. Lond.)

Composed of kino 3¾ oz., cinnamon 1 oz., opium ¼ oz.

Dose.—For an adult, 20 grs. to 40 grs.
For a child a year old, ½ gr. to 1 gr.

20 grains contain 1 of opium.

Tinctura Opii. B.P.

Composed of opium 1½ oz., proof spirit 1 pint.

Dose.—For an adult, ♏v to ♏xxx.
For a child a year old, ♏⅛ to ♏½.

One drachm of the tincture contains rather more than 4 grains of opium.

Tinctura Camphoræ cum Opio. B.P. (Tinctura Camphoræ Composita. Ph. Lond.)

Composed of opium 40 grs., benzoic acid 40 grs., camphor 30 grs., oil of anise ½ fl.dr., proof spirit 1 pint.

Dose.—For an adult, ℥ss. to ℥ij, or ℥iv.
For a child a year old, ♏iv to ♏vj.

Half an ounce contains about 1 grain of opium.

Vinum Opii. B.P.

Composed of opium 1½ oz., sherry 1 pint.

Doses.—The same as the Tincture.

This is the same strength as the Tinctura Opii.

The preparations of opium, when in solution, are incompatible with most metallic salts, from the presence of meconic acid. Alkalis and their carbonates also decompose them, precipitating the morphia. This, however, may be of minor importance.

Morphia.

Morphiæ Acetas.

Dose.—For an adult, ¼ gr. to 1 gr.

Liquor Morphiæ Acetatis. Ph. Lond.

Dose.—For an adult, ♏x to ♏xxx or f℥j.

For a child a year old, ♏ss.

This solution contains a grain of morphia in the drachm, and is therefore twice the strength of the Liquor Morphiæ Hydrochloratis.

Morphiæ Bimeconas.

Dose.—The same as the Acetate.

This salt is said to possess greater soporific properties, and is less likely to disagree than the other salts.

Morphiæ Hydrochloras. (Morphiæ Murias.) B.P.

Dose.—For an adult, ⅛ gr. to 1 gr.

Liquor Morphiæ Hydrochloratis. B.P.

A solution of hydrochlorate of morphia 4 grs., with 8 minims of dilute hydrochloric acid, rectified spirit 2 fl.drs., water 6 fl.drs.

Dose.—For an adult, ♏xxx to f℥ij.

For a child a year old, ♏j.

Each drachm contains half a grain of morphia. It is about half the strength of the Liquor Morphiæ Hydrochloratis. Ph. Lond.

Morphiæ Sulphas.

Dose.—The same as the other morphine salts.

This preparation is largely used in America; it is more soluble than the other preparations.

Solutions of the salts of morphia are decomposed by the stronger acids, alkalis, and alkaline earths, and most earthy and metallic salts.

Suppositoria Morphiæ. B.P.

Composed of hydrochlorate of morphia 3 grs., sugar 30 grs., lard and white wax a sufficiency of each.

Divide into 12 equal parts, each of which will therefore contain ¼ gr. of morphia, and weigh about 8 grs.

Trochisci Morphiæ. B.P.

Composed of hydrochlorate of morphia 20 grs., tincture of tolu ½ fl.oz., sugar 24 oz., gum arabic 1 oz., mucilage of gum arabic, 2 fl.oz., water ½ fl.oz.

Divide into 720 lozenges, each of which contains $\frac{1}{36}$th of a grain of morphia.

Trochisci Morphiæ et Ipecacuanhæ. B.P.

Composed of hydrochlorate of morphia 20 grs., ipecacuan 60 grs., tincture of tolu ½ fl.oz., sugar 24 oz., gum arabic 1 oz., mucilage of gum arabic 2 fl.oz., water ½ oz.

Divide into 720 lozenges, each of which contains $\frac{1}{36}$th of a grain of morphia and $\frac{1}{12}$th of a gr. of ipecacuan.

Papaver. The nearly ripe capsules of Papaver Somniferum. B.P.

Extractum Papaveris. Ph. Lond.

Composed of poppy-heads without seeds 15 oz., water 1 gallon; evaporated down to a proper consistence.

Dose.—For an adult, 2 grs. to 20 grs.

Papaver Rhæas. The dried petals. B.P.

Syrupus Rhæados. B.P.

Composed of red poppy petals 13 oz., sugar 2¼ lbs., water 1 pint, rectified spirit 2½ oz.

Dose.—For an adult, fʒj to fʒss.

For a child a year old, ♏x to ♏xxx.

Its chief use is as a colouring ingredient, though it probably possesses in a very slight degree narcotic properties.

Syrupus Papaveris. B.P.

Composed of poppy capsules 36 oz., water 20 pints, rectified spirit 16 fl.oz., sugar 4 lbs. The whole, evaporated, to weigh 6½ lbs. Sp. gr. 1·320.

Dose.—For an adult, fʒij to fʒss.

For a child a year old, ♏v to ♏xv.

Stramonium. The leaves of Datura Stramonium. B.P.

Dose.—Of the powdered leaves, for an adult, 1 gr. to 2 grs.

This is rarely used except for smoking.

Stramonii Semina. The ripe seeds of Datura Stramonium. B.P.

Dose.—For an adult, ½ gr. to 1 gr.

Rarely used in this form.

Extractum Stramonii. B.P.

A spirituous extract of the seeds.

Dose.—For an adult, ¼ gr. to 2 grains or more.

Tinctura Stramonii. B.P.

Composed of stramonium seeds 2½ oz., proof spirit 1 pint.

Dose.—For an adult, ♏x to ♏xxx, or fʒj.

Tabacum. The dried leaves of Nicotiana Tabacum. B.P.

Used in this form only for inhalation.

Enema Tabaci. B.P.
Composed of tobacco 20 grs., water 8 oz.

Vinum Tabaci. Ph. Ed.
Composed of tobacco 2½ oz., sherry 2 pints.
Dose.—For an adult, ♏x to ℥ss.

Lobelia. The dried herb in flower, Lobelia Inflata. B.P.

Tinctura Lobeliæ. B.P.
Composed of lobelia 2½ oz., proof spirit 1 pint.
Dose.—For an adult, ♏xx to ℥ss.

Tinctura Lobeliæ Ætherea. B.P.
Composed of lobelia 2½ oz., spirit of ether 1 pint.
Dose.—For an adult, ♏xx to ℥ss.

TONICS.

Def.—"Tonics are substances which neither immediately nor sensibly call forth actions like stimulants, nor depress them like sedatives, but give power to the nervous system to generate or secrete the nervous influence by which the whole frame is strengthened."—Billing.

The group of tonics may be divided into three sections: First, the *Pure Vegetable Astringents*, containing little or no bitterness. Secondly, the *Bitter Tonics*, which arrange themselves into—*pure bitters*, having neither astringency nor aroma; *mucilaginous* or *demulcent tonics*, containing some starchy material besides the bitter, but without aroma or astringency; *aromatic bitters*, having no astringency; *purgative bitters*, and *astringent bitters*. Thirdly, and lastly, we have the class of *Mineral Tonics*. This classification is adopted from a belief that it possesses many advantages for the prescriber, by giving a closer and more precise idea of the nature and properties of the various remedies presented for his selection.

Pure Vegetable Astringents.

Acidum Gallicum. B.P.

Obtained from galls by washing, exposure to the air, and crystallization.

Dose.—For an adult, 5 grs. to 20 grs. in powder, pill, or solution with not less than 100 parts of water.

For a child a year old, ½ gr. to 1 gr.

Acidum Tannicum. B.P.

Prepared from galls by lixiviating with ether and subsequent evaporation.

Dose.—For an adult, 3 grs. to 10 or 20 grs.

Suppositoria Acidi Tannici. B.P.

Composed of tannic acid 24 grs., glycerine ♏20., lard and white wax q.s.; to be divided into 12 equal portions. Each weighs 14 grs., and has 2 grs. of tannin.

Trochisci Acidi Tannici. B.P.

Composed of tannic acid 360 grs., tincture of tolu ½ fl.oz., sugar 25 oz., gum arabic 1 oz., mucilage of gum arabic 2 fl.oz., water 1 fl.oz.

Divide into 720 lozenges, each of which will contain ½ gr. of tannic acid.

Bistort. The root of Pŏlygonum Bistorta.

Dose.—Of the powdered root, for an adult, 15 grs. to 30 grs.

Decoctum Bistortæ.

Composed of bistort root 2 oz., water 1½ pint.

Dose.—For an adult, f℥j to f℥ij.

For a child a year old, ℥j.

Bela. The dried half-ripe fruit of Ægle Marmelos. B.P.

Extractum Belæ Liquidum. B.P.

Composed of bael 1 lb., water 12 pints, evaporated to 14 fl.oz., with 2 fl.oz. rectified spirit added.

Dose.—For an adult, f℥ss. to f℥j.
For a child a year old, f℥ss.

Catechu Nigrum. An extract of the heart wood of Acacia Catechu. B.P.

Catechu Pallidum. An extract of the leaves and young shoots of Uncaria Gambir. B.P.

Infusum Catechu. B.P. (Inf. Catechu Comp.)

Composed of catechu 160 grs., cinnamon 30 grs., water 10 fl.oz.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j.

Pulvis Catechu Compositus. B.P.

A mixture of catechu 4 oz., kino and rhatany, of each 2 oz., cinnamon and nutmeg, of each 1 oz.

Dose.—For an adult, 20 grs. to 40 grs.
For a child a year old, 2 or 3 grs.

Tinctura Catechu. B.P. (Tinc. Catechu Comp.)

Composed of catechu 2½ oz., cinnamon 1 oz., proof spirit 1 pint.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, ♏v to ♏viij.

Trochisci Catechu. B.P.

Composed of catechu 2 oz., sugar 1 lb., gum arabic 1 oz., tincture of capsicum ½ fl.oz., water q.s. Divide into 720 lozenges. Each lozenge contains about 1¼ grain of catechu.

Alkalis destroy the astringency of the preparations of catechu.

Galla. The excrescences on Quercus infectoria caused by the punctures and deposited ova of Diplolepis Gallæ Tinctoriæ. B.P.

Infusum Gallæ.

Composed of galls 240 grs., water 6 fl.oz.

Dose.—For an adult, f℥ss. to f℥ij.
For a child a year old, f℥ss. to f℥j.

Tinctura Gallæ. B.P.

Composed of galls 2½ oz., proof spirit 1 pint.

Dose.—For an adult, f℥ss. to f℥ij.
For a child a year old, ♏iij to ♏v.

Granatum. The bark of the root of Punica Granatum. B.P.

Decoctum Granati Radicis. B.P.

Composed of pomegranate root 2 oz., water 2 pints boiled to 1 pint.

Dose.—For an adult, f℥j to f℥iij.
For a child a year old, f℥ss. to f℥j.

Hæmatoxylum. The heart wood of Hæmatoxylum Campechianum. B.P.

Dose.—Of the powder, for an adult, 10 grs. to 30 grs.
For a child a year old, 2 grs. to 3 grs.

Decoctum Hæmatoxyli. B.P.

Composed of logwood in chips 1 oz., cinnamon 60 grs., water 1 pint.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j to f℥ij.

Extractum Hæmatoxyli. B.P.

Composed of logwood 1 lb., water 1 gallon, evaporated to a proper consistence.

Dose.—For an adult, 10 grs. to 30 grs.

Metallic salts decompose these two last preparations.

Kino. The inspissated juice of Pterocarpus Marsupium. B.P.

Pulvis Kino cum Opio. (Pulvis Kino Compositus. Ph. Lond.) B.P.

Composed of kino 3¾ oz., opium ¼ oz., cinnamon 1 oz.

Dose.—For an adult, 10 grs. to 40 grs.
For a child a year old, 1 gr.

This preparation contains one gr. of opium in twenty.

Tinctura Kino. B.P.

Composed of kino 2 oz., rectified spirit 1 pint.

Dose.—For an adult, ♏xxx to ℥ij.
For a child a year old, ♏v.

Both the preparations of kino are incompatible with acids and alkalis.

Krameria. The dried root of Krameria triandra. B.P.

Dose.—Of the powdered root for an adult, 10 grs. to 30 grs.
For a child a year old, 1 gr. to 3 grs.

Extractum Krameriæ. B.P.

A watery extract of rhatany.

Dose.—For an adult, 5 grs. to 20 grs.

Infusum Krameriæ. B.P.

Composed of rhatany ½ oz., water 10 oz.

Dose.—For an adult, ℥j to ℥ij.
For a child a year old, ℥j.

Tinctura Krameriæ. B.P.

Composed of rhatany 2½ oz., proof spirit 1 pint.

Dose.—For an adult, ℥ss. to ℥ij.
For a child a year old, ♏v.

Matica. The dried leaves of Artanthe elongata. B.P.

Dose.—Of the powder for an adult, 30 grs. to 120 grs.
For a child a year old, 3 grs. to 5 grs.

Infusum Maticæ. B.P.

Composed of matico ½ oz., water 10 oz.

Dose.—For an adult, f℥j to f℥iij.
For a child a year old, f℥j to f℥ij.

Tinctura Maticæ.

Composed of matico 3 oz., proof spirit 20 fl.oz.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, ♏v. to ♏viij.

Quercus. The dried bark of Quercus pedunculata. B.P.

Dose.—Of the powder for an adult, 30 grs. to 120 grs.
For a child a year old, 5 grs.

Decoctum Quercus. B.P.

Composed of oak bark 1½ oz., water 1½ pint; boil to a pint.

Dose.—For an adult, f℥j to f℥iij.
For a child a year old, f℥j to f℥ij.

Extractum Quercus.

Obtained by evaporating the decoction.

Dose.—For an adult, 10 grs. to 30 grs.

Tormentilla. The root of Potentilla Tormentilla. Ph. Lond.

Dose of the powder for an adult 30 grs. to 60 grs.

Decoctum Tormentillæ. Ph. Lond.

Composed of tormentil 2 oz., water 1½ pint boiled to a pint.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j.

Uva Ursi. The leaves of the Arctostaphylos Uva Ursi. B.P.

Dose of the powdered leaves, for an adult, 20 grs. to 40 grs.

Infusum Uvæ Ursi. B.P. (Instead of Decoc.)

Composed of bearberry leaves ½ oz., water 10 fl.oz.

Dose.—For an adult, f℥j to f℥ij.

For a child a year old, f℥j to f℥ij.

Extractum Uvæ Ursi. Ph. Lond.

A watery extract of the leaves.

Dose.—For an adult, 5 grs. to 15 grs.

Rosa. The dried petals of Rosa Canina and Rosa Gallica. B.P.

Confectio Rosæ Caninæ. B.P.

Composed of hips 1 lb., sugar 2 lbs.

Dose.—For an adult, 30 grs. to 120 grs.

For a child a year old, 5 grs. to 10 grs. as electuary.

Confectio Rosæ Gallicæ. B.P.

Composed of red-rose petals 1 lb., sugar 3 lbs.

Dose.—For an adult, 30 grs. to 120 grs.

For a child a year old, 5 grs. to 10 grs.

In both these preparations the astringency is exceedingly feeble, and their chief use is as a vehicle for other remedies.

Infusum Rosæ Acidum. B.P. (Infus. Rosæ Comp. Ph. Lond.)

Composed of red-rose petals ¼ oz., dilute sulphuric acid ℥j, water 10 fl.oz.

Dose.—For an adult, f℥j to f℥ij.

For a child a year old, f℥j.

Syrupus Rosæ Gallicæ. B.P.

Composed of red-rose petals 2 oz., sugar 30 oz., water 1 pint.

Dose.—For an adult, f℥j to f℥ss.

For a child a year old, ♏xx to ♏lx.

It is but very slightly astringent, and is chiefly used for its colour.

All the foregoing preparations depend for their astringency upon the presence of tannic or gallic acid; they are therefore incompatible with the salts and preparations of iron, most of them also with the stronger acids, alkalis and lime-water; oak-bark is also incompatible with cinchona.

Mineral Astringents.

Acidum Sulphuricum Dilutum.—*Vide* p. 40.

Alumen. B.P.

Dose.—For an adult, 10 grs. to 20 grs.
For a child a year old, 2 grs.

Alumen Ferricum.

Prepared by dissolving peroxide of iron in sulphuric acid, and adding sulphate of potash. The peroxide of iron takes the place of alumina in common alum.

Dose.—For an adult, 5 grs. to 20 grs.
For a child a year old, 2 grs.

Alumen Sulpho Tannicum.

This is a compound of alum with tannic acid, and is a very powerful and effective astringent.

Dose.—For an adult, 5 grs. to 10 grs.
For a child a year old, 1 gr.

Liquor Aluminis Compositus. Ph. Lond.

Composed of sulphate of zinc and alum, of each 1 oz., water 3 pints.

Used chiefly as a lotion, it contains 1 gr. of each of the salts in a fl.dr.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, ♏v to ♏viij.

Pulvis Aluminis Compositus. Ph. Ed.

Composed of alum 4 oz., kino 1 oz.

Dose.—For an adult, 5 grs. to 20 grs.

For a child a year old, 2 grs.

The preparations of alum are incompatible with alkalis, alkaline carbonates, and vegetable astringents.

Argenti Nitras. B.P.

Prepared by the action of nitric acid on silver.

Dose.—For an adult, $\frac{1}{8}$ gr. to 3 grs. in pill.

Cupri Sulphas. B.P.

Prepared by the re-crystallization of commercial sulphate of copper.

Dose.—For an adult, $\frac{1}{2}$ gr. to 2 grs.

Ferri Sulphas.—*Vide* p. 18.

Tinctura Ferri Perchloridi.—*Vide* p. 20.

Liquor Ferri Perchloridi.—*Vide* p. 19.

Liquor Ferri Pernitratis.—*Vide* p. 19.

Plumbi Acetas.—*Vide* p. 37.

Zinci Acetas.—*Vide* Mineral Tonics.

Zinci Sulphas.—*Vide* Mineral Tonics.

Bitter Tonics.

(*Pure Bitters.*)

These tonics are bitter, but contain little or no aroma nor astringency.

Brucia. One of the alkaloids from Nux Vomica.

The salts of brucia are formed by saturating dilute acids with brucia.

Dose.—For an adult $\frac{1}{2}$ gr. to 5 grs.

Decomposed by potash, soda, ammonia, and the alkaline earths.

Beberiæ Sulphas. The sulphate of the alkaloid of Bebeeru bark (Nectandra Rodiæi). B.P.

Dose.—For an adult, 1 gr. to 5 grs., in pill or solution with sulphuric acid.

Centaury. The herb or tops of Erythræa Centaurium.

Dose of the powder for an adult, 20 grs. to 60 grs. An infusion may also be made. It is a most admirable and effective bitter, resembling gentian.

Chirata. The entire plant Ophelia Chirata. B.P.

Dose—of the powder for an adult, 20 grs. to 60 grs.

Infusum Chiratæ. B.P.

Composed of chiretta ¼ oz., water 10 fl.oz.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j.

Tinctura Chiratæ. B.P.

Composed of chiretta 2½ oz., proof spirit 1 pint.

Dose.—For an adult, f℥ss. to f℥j.
For a child a year old, ♏v.

Cinchonia Murias. Derived from Cinchona Bark.

Dose.—for an adult, 1 gr. to 5 grs.

Cinchonia Sulphas.

Dose.—For an adult, 1 gr. to 5 grs.

Both the two preceding preparations are cheap and effective substitutes for quinine.

Cinchonia Citras Effervescens. (Granular.)
This is a citro-tartrate of soda with 2 grs. of the citrate of cinchonin in 60 grs.; it is soluble in water with effervescence.
Dose.—For an adult, 60 grs. to 120 grs.

Gentian. The dried root of Gentiana Lutea. B.P.

Extractum Gentianæ. B.P.
A watery extract.
Dose.—For an adult, 5 grs. to 20 grs.

Infusum Gentianæ Compositum. B.P.
Composed of gentian ¼ oz., bitter orange-peel 30 grs., coriander 30 grs., proof spirit 2 oz., water 8 oz.
Dose.—For an adult, fʒj to fʒij.
For a child a year old, fʒj.

Mistura Gentianæ Composita. Ph. Lond.
Composed of compound infusion of gentian 12 fl.oz., compound infusion of sennæ 6 fl.oz., compound tincture of cardamoms 2 fl.oz.
Dose.—For an adult, fʒj to ʒij.
It is aperient as well as tonic.

Tinctura Gentianæ Composita. B.P.
Composed of gentian 1½ oz., bitter orange-peel ¾ oz., cardamoms ¼ oz., proof spirit 1 pint.
Dose.—For an adult, fʒss. to fʒij.
For a child a year old, ♏v.

Vinum Gentianæ. Ph. Ed.
Composed of gentian ½ oz., yellow bark 1 oz., bitter orange-peel 120 grs., canella 1 oz., proof spirit 4½ fl.oz., sherry 36 fl.oz.
Dose.—For an adult, fʒss. to fʒj.
For a child a year old, ♏xx to ♏xxx.

The preparations of gentian, by virtue of the other ingredients, are not pure bitters, but aromatic as well.

Menyanthes. The dried leaves of Menyanthes trifoliata.

Dose.—Of the powder for an adult, 10 grs. to 30 grs.

Infusum Menyanthis.

Composed of marsh-trefoil ½ oz., water 16 oz.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j.

Extractum Menyanthis.

A watery extract.

Dose.—For an adult, 10 grs. to 15 grs.

Nux Vomica. The seeds of Strychnos Nux Vomica. B.P.

Extractum Nucis Vomicæ. B.P.

Dose.—For an adult, ½ gr. to 2 grs. or 3 grs.

Tinctura Nucis Vomicæ. B.P.

Composed of nux vomica 2 oz., rectified spirit 1 pint.

Dose.—For an adult, ♏v to ♏x or ♏xx.

Salicine. The alkaloid of willow-bark. Salix.

Dose.—For an adult 10 grs. to 30 grs.

Simaruba. The bark of Simaruba Amara.

Infusum Simarubæ. Ph. Ed.

Composed of simaruba bark 180 grs., water 1 pint.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j.

Strychnia. The alkaloid of Strychnos Nux Vomica. B.P.

Dose.—For an adult $\frac{1}{20}$ gr. to ⅙ gr., in pill or in solution with alcohol or acetic acid.

Liquor Strychniæ. B.P.

Composed of strychnia 4 grs., dilute hydrochloric acid 6 minims, rectified spirit 2 fl.drs., water 6 fl.drs.

Dose.—For an adult, ♏v to ♏xv (= $\frac{1}{24}$ gr. to $\frac{1}{8}$ gr.).

Quassia. The wood of Picræna Excelsa. B.P.

Extractum Quassiæ. B.P.

Dose.—For an adult, 10 grs. to 30 grs.

Infusum Quassiæ. B.P.

Composed of quassia 60 grs., water 10 fl.oz.

Dose.—For an adult, f℥j to f℥iij.
For a child a year old, f℥j to f℥ij.

Tinctura Quassiæ. Ph. Ed.

Composed of quassia 600 grs., proof spirit 1 pint.

Dose.—For an adult, f℥ss. to f℥ij.
For a child a year old, ♏v to ♏viii.

Tinctura Quassiæ Composita. Ph. Ed.

Composed of cardamoms and cochineal, of each ½ oz., cinnamon and quassia, of each ¾ oz., raisins 7 oz., proof spirit 2 pints.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, ♏v.

The preparations of quassia, except the compound tincture, are not decomposed by the salts of iron, but are incompatible with those of lead and silver.

Quiniæ Sulphas. B.P. (Formerly Quinæ Disulphas.)

Prepared from yellow cinchona bark.

Dose.—For an adult, 1 gr. to 5 grs. or 10 grs.
For a child a year old, $\frac{1}{6}$ gr. to $\frac{1}{4}$ gr.

Quinæ Murias.

Prepared by the action of chloride of barium on disulphate of quinine.

Doses.—The same as the Sulphate.

Quinæ Valerianas.

Prepared by the action of valerianate of soda on muriate of quinine.

Dose.—For an adult, 1 gr. to 3 grs., in pill or mucilaginous mixture.

Quinæ Citras.

Doses.—The same as the Sulphate.

Quinæ Citras Effervescens.

This is a compound of the granular effervescing citro-tartrate of soda with citrate of quinine, 1 gr. of the latter in 60.

Dose.—For an adult, 60 grs. to 120 grs.

Tinctura Quiniæ Composita. B.P.

Composed of sulphate of quinia 160 grs., tincture of orange-peel 1 pint (= 1 gr. of quinine to the fl. dr.)

Dose.—For an adult, f℥j to f℥ss.

For a child a year old, ♏v to ♏viii.

This is not a simple, but an *aromatic* bitter.

Solutio Quinæ Ammoniata.

Composed of pure quina 4 grs., aromatic spirit of ammonia 1 oz.

Dose.—For an adult, f℥ss. to f℥j.

For a child a year old, ♏iij to ♏v.

This is a very convenient form for administering quinine free from any acid. In this form it is not a simple, but an *aromatic* bitter.

Quinidinæ Sulphas. One of the alkaloids of Cinchona Bark.

Dose.—For an adult, 1 gr. to 5 grs.

Demulcent Tonics.

These are bitter and demulcent or mucilaginous, from the presence of starchy matter, but they contain no aroma nor astringency.

Calumba. The root of Cocculus Palmatus. B.P.

Dose.—Of the powder for an adult, 10 grs. to 30 grs.

Extractum Calumbæ. B.P.

A spirituous extract.

Dose.—For an adult, 5 grs. to 20 grs.

Infusum Calumbæ. B.P.

Composed of calumba ½ oz., water 10 oz.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j.

Tinctura Calumbæ. B.P.

Composed of calumba 2½ oz., proof spirit 1 pint.

Dose.—For an adult, f℥ss. to f℥ij.
For a child a year old, ♏v.

The preparations of calumba are not affected by those of iron, but they are decomposed by the salts of lead, corrosive sublimate, and lime water.

Cetraria. The entire lichen Cetraria Islandica. B.P.

Decoctum Cetrariæ.—*Vide* p. 23.

Aromatic Bitters.

These tonics contain little or no astringent or demulcent property, but from the presence of a volatile oil are highly aromatic, and in all cases bitter.

Absinthium. The dried herb Artemisia Absinthium.

Dose.—Of the powder for an adult, 20 grs. to 60 grs.

Infusum Absinthii.

Composed of the dried herb 1 oz., water 1 pint.

Dose.—For an adult, f℥j to f℥ij.

For a child a year old, f℥j.

Acorus Calamus. The dried underground stem.

Infusum Calami.

Composed of common sweet flag 1 oz., water 1 pint.

Dose.—For an adult, f℥j to f℥iij.

For a child a year old, f℥j to f℥ij.

Tinctura Calami.

Composed of common sweet flag 2oz., spirit 12 fl.oz.

Dose.—For an adult, f℥j to f℥ij.

For a child a year old, ♏v.

These preparations are very effective in weak and debilitated subjects, and being cheap might be much more freely used.

Anthemis. The flower heads of Anthemis Nobilis. B.P.

Extractum Anthemidis. B.P.

A water extract.

Dose.—For an adult, 10 grs. to 20 grs.

Infusum Anthemidis. B.P.

Composed of chamomile flowers ½ oz., water 10 fl.oz.

Dose.—For an adult, f℥j to f℥ij.

For a child a year old, f℥j.

Aurantii Cortex. The dried outer part of the rind of Citrus Bigaradia. B.P.

Infusum Aurantii. B.P.

Composed of bitter orange-peel ½ oz., water 10 oz.

Dose.—For an adult, f℥j to f℥ij.

For a child a year old, f℥j.

Infusum Aurantii Compositum. Ph. Lond.

Composed of bitter orange-peel ½ oz., lemon-peel ¼ oz., bruised cloves 60 grs., water 1 pint.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j to f℥ij.

Syrupus Aurantii. B.P.

Composed of tincture of orange-peel 1 oz., syrup 10 oz.

Dose.—For an adult, f℥j to f℥ss.
For a child a year old, ♏xx to ♏xxx.

Tinctura Aurantii. B.P.

Composed of bitter orange-peel 2 oz., proof spirit 1 pint.

Dose.—For an adult, f℥ss. to f℥ij.
For a child a year old, ♏v.

Cascarilla. The bark of Croton Eleuteria. B.P.

Dose.—Of the powder for an adult, 10 grs. to 30 grs.

Infusum Cascarillæ. B.P.

Composed of cascarilla bark 1 oz., water 10 oz.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j.

Mistura Cascarillæ Composita.

Composed of infusion of cascarilla 17 fl.oz., vinegar of squill 1 oz., tincture of camphor with opium, 2 fl.oz.

Dose.—For an adult, f℥j to f℥iss.
For a child a year old, f℥ss. to f℥j.

Tinctura Cascarillæ. B.P.

Composed of cascarilla bark 2½ oz., proof spirit 1 pint.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, ♏v.

The preparations of cascarilla are decomposed by those of iron, zinc, lead, silver, and antimony.

Cusparia. The bark of Gallipea Cusparia. B.P.

Dose.—Of the powder for an adult, 10 grs. to 30 grs.

Infusum Cuspariæ. B.P.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j.

Tinctura Cuspariæ. Ph. Edin.

Composed of cusparia bark 4½ oz., proof spirit 2 pints.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, ♏v.

Helenium. The dried root of Inula Helenium.

Dose.—Of the powder for an adult, 20 grs. to 120 grs.

Decoctum Helenii.

Composed of elecampane root ½ oz., water 1 pint.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j.

Limonum. The outer part of the rind of Citrus Limonum. B.P.

Tinctura Limonis. B.P.

Composed of fresh lemon-peel 2½ oz., proof spirit 1 pint.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, ♏v.

Lupulus. B.P.

For the various preparations of hop, *vide* p. 46.

All these aromatic bitters are incompatible with the persalts of iron.

Purgative Bitters.

The preparations comprising this class, which are valuable on account of their purgative rather than their tonic properties, will be best consulted under the head of *Purgatives.* Aloes, Fel Bovis, Rheum, and Taraxacum, are the chief, if not the only, specimens of this group.

Astringent Bitters.

Unlike the first group of vegetable tonics, these not only possess great astringency, due chiefly, if not entirely, to the presence of tannic acid, but are also exceedingly bitter; whereas the purely astringent class possess little or no bitterness. The astringent bitters are all incompatible with the salts of iron, zinc, and lead, tartar emetic, and lime water.

Cinchona. The bark of three varieties of this kind is recognised by the British Pharmacopœia—Cinchona Calisaya (Flava or yellow), Cinchona Condaminea (Pallida or pale), and Cinchona Succirubra (Rubra or red).

Dose.—Of the powder for an adult 20 grains to 60 grains.
For a child a year old, 3 grs. to 5 grs.

Decoctum Cinchonæ Flavæ. B.P.

Composed of yellow cinchona bark 1 oz., water 1 pint.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j.
Similar preparations, not in the Pharmacopœia, are made of the Cinchona Pallida, and Cinchona Rubra.

Extractum Cinchonæ Flavæ Liquidum. B.P.

A watery extract of 1 lb. of yellow bark evaporated to about 3 fl.oz. of a sp. gr. 1·200 to which is added 1 fl.oz. of rectified spirit, leaving it of sp. gr. 1·100.

Dose.—For an adult, ♏x to ♏xx.
For a child a year old, ♏j to ♏ij.

This preparation resembles very much the Liquor Cinchonæ of Battley, and is of nearly the same strength.

Similar preparations, not in the Pharmacopœia, are made of Cinchona Pallida, and Cinchona Rubra.

Infusum Cinchonæ Flavæ. B.P.

Composed of yellow cinchona bark ½ oz., water 1 pint.

Dose.—For an adult, f℥j to f℥ij.

For a child a year old, f℥j.

Infusum Cinchonæ Pallidæ. Ph. Lond.

Composed of cinchona pallida 1 oz., water ½ pint.

Doses.—The same as the preceding.

This is a more delicate, but a much weaker preparation, from the difference in quality of the two barks.

Infusum Cinchonæ Spissatum. Ph. Lond.

Composed of yellow cinchona bark 3 lbs., water 6 pints, rectified spirit q. s., macerated and evaporated to sp. gr. 1·200, 3 fl. drs. of spirit to each ounce being added when cold.

Dose.—For an adult, f℥ss. to f℥j.

For a child a year old, ♏iij.

This preparation is said to be from 24 to 36 times the strength of the ordinary infusion; ℥j of the former is equal to ℥iij of the latter.

There is a similar preparation of the Cinchona Pallida.

Tinctura Cinchonæ Flavæ. B.P.

Composed of yellow cinchona bark 4 oz., proof spirit 1 pint.

Dose.—For an adult, f℥ss. to f℥j.

For a child a year old, ♏v.

There is a similar preparation, not in the Pharmacopœia, of the Cinchona Pallida.

Tinctura Cinchonæ Composita. B.P.

Composed of pale cinchona bark 2 oz., bitter orange-peel 1 oz., serpentary ½ oz., saffron 60 grs., cochineal 30 grs., proof spirit 1 pint.

Dose.—For an adult, fʒss to fʒiij.
For a child a year old, ♏v to ♏viij.

Geum. The root of Geum Urbanum. Ph. Dub.

Dose.—Of the powder 30 grs. to 60 grs.

Decoctum Gei Urbani.

Composed of common arcus 2 oz., water 1 pint.

Dose.—For an adult, fʒj to fʒij.
For a child a year old, fʒj to fʒij.

This is said to be very efficacious in the diarrhœa of children, and is a very agreeable astringent bitter.

Lythrum Salicaria. The herb. Ph. Dub.

Dose.—Of the powdered herb, 60 grs.

A decoction is made with 1 oz. of the root in a pint of water.

Dose.—For an adult, fʒj to fʒij.
For a child a year old, fʒj.

This preparation is demulcent as well as astringent.

Salix. The bark of several varieties of Salix.

Dose.—Of the powdered bark for an adult, 30 grs. to 60 grs.

Infusum Salicis.

Composed of willow bark 1 oz., water 1 pint.

Dose.—For an adult, fʒj to fʒiij.
For a child a year old, fʒj to fʒij.

Ulmus. The dried inner bark of Ulmus Campestris. B.P.

Decoctum Ulmi. B.P.

Composed of elm bark 2½ oz., water 2 pints, boil to a pint.

Dose.—For an adult, fʒiij to fʒvi.
For a child a year old, fʒj to fʒss.

The preparations of Sarsaparilla, as occupying a sort of quasi-tonic position, may fitly be introduced here.

Sarsa. The powdered root of Smilax officinalis. B.P.

Dose.—Of the powder for an adult, 30 grs. to 120 grs.

Decoctum Sarsæ. B.P.

Prepared by boiling 2½ oz. of sarsaparilla with 1½ pint of water boiled to a pint.

Dose.—For an adult, fʒiv to fʒviij.
For a child a year old, fʒij to fʒss.

Decoctum Sarsæ Compositum. B.P.

Prepared by boiling sarsaparilla 2½ oz., sassafras ¼ oz., guaiac wood ¼ oz., liquorice ¼ oz., mezereon 60 grs., water 1½ pint, boiled to a pint.

Dose.—For an adult, fʒij to fʒiv.
For a child a year old, fʒij to fʒiij.

Extractum Sarsæ Liquidum. B.P.

An aquo-spirituous extract of sp. gr. 1·095.

Dose.—For an adult, fʒj to fʒj.
For a child a year old, ♏xx to ♏xxx.

Mineral Tonics.

Acidum Hydrochloricum Dilutum. — *Vide* p. 39.

Acidum Nitricum Dilutum.—*Vide* p. 39.

Acidum Nitro-Hydrochloricum Dilutum.—*Vide* p. 39.

Acidum Phosphoricum Dilutum.—*Vide* p. 40.

Acidum Sulphuricum Dilutum.—*Vide* p. 40.

Acidum Sulphuricum Aromaticum. — *Vide* p. 40.

Alumen.—*Vide* p. 60.

Alumen Ferricum.—*Vide* p. 60.

Ferrum.—*Vide* Chalybeates, p. 15.

Argenti Nitras.—*Vide* p. 61.
Dose.—For an adult, ⅛ gr. to 2 grs., in pill.

Argenti Oxidum. B.P.
Prepared by the action of a solution of lime on one of nitrate of silver.
Dose.—For an adult, ½ gr. to 3 grs.

Arseniosum.

Acidum Arseniosum. B.P.
Prepared by subliming commercial arsenious acid.
Dose.—For an adult, $\frac{1}{16}$ gr. to ¼ gr., in pill — not fitted for young children.
It is incompatible with earths, acids, and bitter infusions.

Liquor Arsenicalis. B.P. (Liquor Potassæ Arsenitis. Ph. Lond.)

A mixture of arsenious acid 80 grs., carbonate of potash 80 grs., compound tincture of lavender 5 fl.drs. water to a pint.

Dose.—For an adult ♏v to ♏x.

Not suitable for very young children.

A fluid drachm contains ½ gr. of arsenious acid.

Liquor Sodæ Arseniatis. B.P.

A solution of arseniate of soda 4 grs. in an ounce of water.

Doses.—The same as the preceding.

Arsenici Iodidi.

Prepared by subliming together iodine and arsenic.

Dose.—For an adult, $\frac{1}{10}$ gr. to ⅛ gr.

A convenient way of preparing this is suggested by the American Dispensatory—viz., to mix liquor iodinii compositus 1 fl.oz., liquor potassæ arsenitis 4 fl.oz.

Dose.—For an adult, ♏v.

Bismuthum Album. B.P. (Bismuthi Nitras, Lond. B. Subnitras, Dub.)

Prepared by the action of nitric acid on bismuth.

Dose.—For an adult, 5 grs. to 20 grs.

For a child a year old, 1 gr. to 2 grs.

Liquor Bismuthi.

This is a solution of the ammonio-citrate of bismuth, and is by far the best preparation of the metal, as it is in a state of perfect solution.

The dose is for an adult, f℥j to f℥ij.

For a child a year old, ♏v to ♏x.

Trochisci Bismuthi. B.P.

Composed of white bismuth 1440 grs., carbonate of magnesia 4 oz., carbonate of lime 6 oz., sugar 30 oz., gum arabic 1 oz., water 6 oz., oil of cinnamon ½ fl.dr. Divided into 720 lozenges, each containing 2 grs. of bismuth.

Cadmii Sulphas.

Prepared by dissolving the carbonate in sulphuric acid.

Dose.—For an adult, 1 gr. to 2 grs., in pill.

It is astringent and tonic, and has been stated to possess powerful antisyphilitic properties.

Cerii Nitras.

Dose.—For an adult, 3 grs. to 5 grs.

Cerii Oxalas.

Dose.—For an adult, 3 grs. to 5 grs.

Cerii Oxidum.

Dose.—For an adult, 3 grs. to 5 grs.

The salts of cerium resemble bismuth in their action, but seem to possess a specific action over the sympathetic vomiting of pregnancy and other diseases.

Cupri Ammoniæ Sulphas.

Prepared by the action of sulphate of copper on carbonate of ammonia.

Dose.—For an adult, ½ gr. to 3 grs.

Cupri Sulphas.—*Vide* p. 61.

Manganesii Sulphas.—*Vide* p. 21.

Dose.—For an adult, 3 grs. to 8 grs.

Zincum.

Zinci Chloridum. B.P.

Prepared by the action of hydrochloric acid on granulated zinc.

Dose.—For an adult, 1 gr. to 2 grs.

Æther Zinci.

Composed of chloride of zinc ½ oz., alcohol 1 fl.oz., sulphuric ether 2 fl.oz.

Dose.—For an adult, ♏v to ♏x or ♏xx.

This formula was recommended by Hufeland.

Zinci Phosphas.

Dose.—For an adult, 2 grs. to 5 grs., in pill, or solution with dilute phosphoric acid.

Zinci Oxidum. B.P.

Prepared from the carbonate by the application of heat.

Dose.—For an adult, 2 grs. to 5 grs. in pill or powder.

These preparations of zinc are decomposed by alkalis and their carbonates, acids, and acidulous salts and astringent infusions.

Zinci Sulphas. B.P.

Prepared by the action of sulphuric acid on granulated zinc.

Dose.—For an adult, 1 gr., to 2 grs.

Zinci Valerianas. B.P.

Prepared by the action of valerianate of soda on sulphate of zinc.

Dose.—For an adult, 1 gr. to 3 grs.

The following preparations, though not strictly tonics, may here be mentioned :—

Pepsina.

The active principle of the gastric juice of several animals, the calf, the pig, and the sheep. That from the pig, Pepsina Porci, is said to be the best. The dose is 5 grs. to 10 grs., or 15 grs.

Vinum Pepsinæ.

A solution of the powder in sherry wine.

Dose.—One or two teaspoonfuls.

It should be taken immediately after food.

MEDICINES WHICH ACT UPON THE GANGLIONIC NERVOUS SYSTEM.

Stimulants, &c.

Def.—"A stimulant is that which, through the medium of the nervous system, increases the action of the heart and other organs, by calling forth the nervous influence, or by facilitating the extrication of it in them."—BILLING.

N.B.—This group includes the so-called *Carminatives, Cordials,* and *Antispasmodics:* and in their passage out of the system, by stimulating the organ through which they pass, they may become *Expectorants, Sudorifics, Diuretics,* and *Emmenagogues.*

Absinthium.—*Vide* p. 67.

Acorus Calamus.—*Vide* p. 68.

Æther.—*Vide* p. 41.

Spiritus Ætheris.—*Vide* p. 41.

Allium Sativa. The bulb.
Dose.—For an adult, one or more cloves.

Ammoniæ Carbonas.—*Vide* p. 25.

Ammoniæ Phosphas.—*Vide* p. 26.

Ammoniæ Valerianas.—*Vide* p. 26.

Liquor Ammoniæ.—*Vide* p. 26.

Liquor Ammoniæ Fortior.—*Vide* p. 26.

Spiritus Ammoniæ Aromaticus. B.P.

Composed of carbonate of ammonia 8 oz., strong solution of ammonia 4 oz., volatile oil of nutmeg ½ fl.oz., oil of lemon 6 fl.drs., rectified spirit 6 pints, water 3 pints.

Dose.—For an adult, ♏xx to f℥j.
For a child a year old, ♏iij.

Tinctura Ammoniæ Composita. Ph. Lond.

Composed of mastic 120 grs., rectified spirit 9 fl.drs., oil of lavender 14 ♏., strong solution of ammonia 1 pint.

Dose.—For an adult, ♏x to ♏xx.
For a child a year old, ♏j.

Spiritus Ammoniæ Fœtidus.

May be conveniently prepared by mixing tincture of assafœtida and spirit of ammonia in equal parts.

Dose.—For an adult, f℥ss. to f℥j.

Ammoniæ Sulphas.

Dose.—For an adult, 10 grs. to 30 grs.

Ammoniacum. The gum resin of Dorema Ammoniacum. B.P.

Dose.—For an adult, 5 grs. to 20 grs., in pill or emulsion.

Mistura Ammoniaci. B.P.

A solution of ammoniac ¼ oz. in water 8 fl.oz.

Dose.—For an adult, f℥ss. to f℥j.

Anethum. The fruit of Anethum Graveolens. B.P.

Dose.—Of the powder for an adult, 10 grs. to 30 grs.

Aqua Anethi. B.P.

Prepared by distilling 20 oz. of dill with 2 gallons of water.

Dose.—For an adult, ℥j to ℥iv.
For a child a year old, ʒj to ʒij.

Oleum Anethi. B.P.

Dose.—For an adult, ♏v to ♏xv., on sugar or emulsion.

Angelica. The root or seeds of Archangelica officinalis.

This was formerly much esteemed as an effective aromatic stimulant.

Dose.—Of the powder for an adult, 30 grs. to 60 grs.: or in Infusion.

Anisum. The fruit of Pimpinella Anisum. B.P.

Dose.—Of the powder for an adult, 10 grs. to 30 grs.

Aqua Anisi. Ph. Lond.

A mixture of the oil of aniseed in water.

Dose.—For an adult, ℥j to ℥iv.
For a child a year old, ʒj to ʒij.

Oleum Anisi. B.P.

Dose.—For an adult, ♏v to ♏xv., on sugar or emulsion.

Spiritus Anisi. Ph. Lond.

Composed of oil of anise, ʒjss., proof spirit 4 pints.

Dose.—For an adult, fʒj to fʒij.
For a child a year old, ♏v.

Anthemis.—*Vide* p. 68.

Armoracia. The fresh root of Cochlearia Armoracia. B.P.

Dose.—Of the powdered root for an adult, 30 grs. to 60 grs.

Infusum Armoraciæ Compositum. Ph. Lond.
Composed of horse-radish and mustard-seeds of each 1 oz., compound spirit of horse-radish 1 fl.oz., boiling water 1 pint.
Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j.

Spiritus Armoraciæ Compositus. B.P.
Composed of horse-radish 20 oz., bitter orange-peel 20 oz., nutmeg ½ oz., proof spirit 1 gallon, water 3 pints.
Dose.—For an adult, f℥ss. to f℥j.
For a child a year old, ♏v.

Arnica. The root of Arnica Montana. B.P.
Dose.—Of the powder for an adult 5 grs. to 10 grs. as electuary.

Tinctura Arnicæ. B.P.
Composed of Arnica root 1 oz., rectified spirit 1 pint.
Dose.—For an adult, f℥ss. to f℥jss.
For a child a year old, ♏iij.

Assafœtida. The gum resin of Narthex Assafœtida. B.P.
Dose.—For an adult 5 grs. to 20 grs., in pill or emulsion.

Enema Assafœtidæ.—*Vide* p. 2.

Pilula Aloes et Assafœtidæ. B.P.
Composed of socotrine aloes, assafœtida, hard soap, and confection of roses, of each 1 oz.
Dose.—For an adult, 5 grs. to 10 grs.

Pilula Assafœtidæ Composita. B.P. (Pilula Galbani Composita. Ph. Lond.)
Composed of assafœtida, galbanum, myrrh, of each 2 oz., treacle 1 fl.oz.
Dose.—For an adult, 5 grs. to 10 grs.

Tinctura Assafœtidæ. Ph. Lond.

Composed of assafœtida 5 oz., rectified spirit 2 pints.

Dose.—For an adult, f℥ss. to f℥ij.

Aurantium.—*Vide* p. 68.

Benzoicum. A resinous exudation of the stem of Styrax Benzoin. B.P.

Dose.—Of the gum resin for an adult, 10 grs.

Tinctura Benzoini Composita. (Friar's Balsam.) B.P.

Composed of benzoin 2 oz., storax 1½ oz., balsam tolu ½ fl.oz., socotrine aloes 160 grs., rectified spirit 1 pint.

Dose.—For an adult, f℥ss. to f℥ij.

For a child a year old, ♏v.

Water decomposes it, and throws down the resin; it should, therefore, be given with mucilage.

Acidum Benzoicum. B.P.

Obtained by subliming benzoin.

Dose.—For an adult, 10 grs. to 60 grs. Is best given as a benzoate.

Cajuput. Obtained from Melaleuca Minor. B.P.

Oleum Cajuputi. B.P.

Dose.—For an adult, ♏iij to ♏x.

Spiritus Cajuputi. B.P.

Composed of oil of cajuput 1 fl.oz., rectified spirit 9 fl.oz.

Dose.—For an adult, ♏xv to f℥jss.

For a child a year old, ♏ij to ♏iv.

Camphora.—*Vide* p. 43.

Capsicum. The dried ripe fruit of Capsicum fastigiatum. B.P.

Dose.—Of the powder for an adult, 5 grs. to 10 grs.

Tinctura Capsici. B.P.
Composed of capsicum ¾ oz., rectified spirit 1 pint.
Dose.—For an adult, fʒss. to fʒj.

Capsicine.
The active principle of Capsicum.
Dose.—For an adult, gr. ss. to gr.j.

Carui. The dried fruit of Carum Carui. B.P.

Aqua Carui. B.P.
Composed of carraway 20 oz., water 2 gallons, distilled to 1 gallon.
Dose.—For an adult, fʒj to f℥iij.
For a child a year old, fʒj to fʒij.

Oleum Carui. B.P.
Dose.—For an adult, ♏ij to ♏x, in pill, on sugar, or emulsion.

Spiritus Carui. Ph. Lond.
Oil of carraway 2 fl.drs., proof spirit 1 gallon.
Dose.—For an adult, fʒj to fʒij.
For a child a year old, ♏v to ♏x.

Caryophyllus. The dried unexpanded flower-bud Caryophyllus Aromaticus. B.P.
Dose.—For an adult, 5 grs. to 10 grs. or 30 grs.

Infusum Caryophylli. Ph. Lond.
Composed of cloves 180 grs., water 1 pint.
Dose.—For an adult, fʒj to f℥ij.
For a child a year old, fʒj.

Oleum Caryophylli. B.P.
Dose.—For an adult, ♏iij to ♏vj, in pill, sugar, or emulsion.

Tinctura Caryophylli.
Composed of cloves 1 oz., rectified spirit 1 pint.
Dose.—For an adult, f℥ss. to f℥iss.
For a child a year old, ♏ij to ♏v.

This is a very elegant and effective form. All the preparations of cloves are strengthened by the addition of ammonia.

Cascarilla.—*Vide* p. 69.

Castanea Equina. Common horse-chesnut.

Liquor Castaneæ Equinæ.
Dose.—For an adult, f℥j to f℥ij.
This preparation is said to be very useful in gout, acute rheumatism, and certain neuralgic affections. It is applied externally in the form of oleum.

Castoreum. The dried preputial follicles of Castor Fiber, and their secretions.

Tinctura Castorei. B.P.
Composed of castor 1 oz., rectified spirit 1 pint.
Dose.—For an adult, ♏xx to f℥iss.

Tinctura Castorei Ammoniata. Ph. Ed.
Composed of castor 2½ oz., assafœtida 600 grs., spirit of ammonia 2 pints.
Dose.—For an adult, f℥ss. to f℥ij.

Cardamomum. The seeds of Elettaria Cardamomum. B.P.

Tinctura Cardamomi. Ph. Ed.
Composed of cardamom seeds 4½ oz., proof spirit 2 pints.
Dose.—For an adult, f℥j to f℥ij.
For a child a year old, ♏v to ♏viij.

Tinctura Cardamomi Composita. B.P.

Composed of cardamoms and carraway, of each ¼ oz., raisins 2 oz., cinnamon ½ oz., cochineal 60 grs., proof spirit 1 pint.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, ♏v to ♏viij.

Chloroformum. Terchloride of Formyle. $C_2H.Cl_3$. B.P.

Spiritus Chloroformi (Chloric Ether). B.P.

A solution of chloroform 1 fl.oz., in rectified spirit 19 fl.oz.

Dose.—For an adult, ♏x to ♏xxx.
For a child a year old, ♏j to ♏ij.

Cinnamomum. The inner bark of Cinnamomum Zeylanicum. B.P.

Aqua Cinnamomi. B.P.

Composed of cinnamon 20 oz., water 2 gallons, distil to a gallon.

Dose.—For an adult, f℥j to f℥iij.
For a child a year old, f℥j to f℥ij.

Oleum Cinnamomi. B.P.

Dose.—For an adult, ♏j to ♏iv, in pill, sugar, or emulsion.

Pulvis Aromaticus. B.P. (Confectio Aromatica. Ph. Lond.)

Composed of cinnamon 4 oz., nutmeg 3 oz., saffron 3 oz., cloves 1½ oz., cardamoms 1 oz., sugar 25 oz.

Dose.—For an adult, 10 grs. to 60 grs.
For a child a year old, 3 grs.

Tinctura Cinnamomi. B.P.

Composed of cinnamon 2½ oz., proof spirit 1 pint.

Dose.—For an adult, f℥ss. to f℥ij.
For a child a year old, ♏v.

Tinctura Cinnamomi Composita. Ph. Lond.

Composed of cinnamon 1 oz., cardamoms ½ oz., long pepper 150 grs., ginger 150 grs., proof spirit 2 pints.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, ♏v to ♏viij.

Coccus. The dried female insect, Coccus Cacti. B.P.

Tinctura Cocci. B.P.

Composed of cochineal 2½ oz., proof spirit 1 pint.

Dose.—For an adult, ʒss. to ʒj.

Its chief, perhaps its only, use is as a colouring ingredient, though it has been said to possess antispasmodic powers.

Contrajerva. The root of Dorstenia Contrajerva.

Infusum Contrajervæ.

Composed of contrajerva 240 grs., water 6 fl.oz.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j.

Copaiba. The oleo resin obtained by incising the trunk of Copaifera multijuga. B.P.

Oleum Copaibæ. B.P.

Dose.—For an adult, ♏x to ♏xxx or f℥j.

Coriandrum. The seeds of Coriandrum sativum. B.P.

Oleum Coriandri. B.P.

Dose.—For an adult, ♏iij to ♏x, in pill, sugar, or emulsion.

Creosoton. A product of the distillation of wood-tar. B.P.

Dose.—For an adult, ♏j to ♏iij, in pill.

Mistura Creosoti. B.P.

Composed of creosote 16 minims, glacial acetic acid 16 minims, spirit of juniper ½ fl.dr., syrup 1 fl.oz., water 15 fl.oz.

Dose.—For an adult, f℥j to f℥ij.

Crocus. The dried stigma and part of style of Crocus sativus. B.P.

Tinctura Croci. B.P.

Composed of saffron 1 oz., proof spirit 1 pint.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, ♏x.

Fœniculum. The dried fruit of Fœniculum dulce. B.P.

Aqua Fœniculi. B.P.

Composed of fennel 20 oz., water 2 gallons distilled to 1 gallon.

Dose.—For an adult, ℥j to f℥iij.
For a child a year old, f℥ij.

Oleum Fœniculi. B.P.

Dose.—For an adult, ♏iv to ♏x, on sugar or emulsion.

Guaiacum. The resin obtained from the stem of Guaiacum officinale. B.P.

Dose.—Of the resin, 10 grs. to 30 grs.

Mistura Guaiaci. B.P.

Composed of guaiacum and sugar, of each ½ oz., gum arabic ¼ oz., cinnamon water 1 pint.

Dose.—For an adult, f℥ss. to f℥ij.
For a child a year old, f℥ss.

Tinctura Guaiaci Ammoniata. (Tinctura Guaiaci Composita. Ph. Lond.) B.P.

A solution of guaiacum 4 oz., in aromatic spirit of ammonia 1 pint.

Dose.—For an adult, f℥ss. to f℥j.

For a child a year old, ♏v.

The preparations of guaiacum are incompatible with acids, acidulous, earthy, and metallic salts; water precipitates the resin; they should, therefore, be given in emulsion.

Inula.—*Vide* p. 70.

Lavandula. The flowers of Lavandula vera. B.P.

Oleum Lavandulæ. B.P.

Dose.—For an adult, ♏iij to ♏v, in emulsion.

Spiritus Lavandulæ. B.P.

Composed of oil of lavender 1 fl.oz., rectified spirit 9 fl.oz.

Dose.—For an adult, ♏xx to ♏xxx.

For a child a year old, ♏iv.

Tinctura Lavandulæ Composita. B.P.

Composed of oil of lavender 1½ fl.dr., oil of rosemary, 10 minims, cinnamon 150 grs., nutmeg 150 grs., red sandal wood 300 grs., proof spirit 2 pints.

Dose.—For an adult, f℥ss. to f℥ij.

For a child a year old, ♏v.

Limonis.—*Vide* p. 70.

Lupulus.—*Vide* p. 46.

Mentha Piperita. The whole herb. B.P.

Aqua Menthæ Piperitæ. B.P.

Prepared by distilling 1½ fl.dr. oil of peppermint with 1½ gallon of water distilled to 1 gallon.

Dose.—For an adult, f℥iss. to f℥iij.

For a child a year old, f℥j.

Oleum Menthæ Piperitæ. B.P.

Dose.—For an adult, ♏ij to ♏v, on sugar or emulsion.

Spiritus Menthæ Piperitæ. B.P.

A solution of oil of peppermint 1 fl.oz., in rectified spirit 9 fl.oz.

Dose.—For an adult, ♏x to ♏xxx.
For a child a year old, ♏j to ♏iij.

Mentha Viridis. The whole herb. B.P.

Aqua Menthæ Viridis. B.P.

Composed of oil of spearmint 1½ fl.dr., water 1½ gallon distilled to a gallon.

Dose.—For an adult, ℥j to ℥iij.
For a child a year old, ℥j to ℥ij.

Infusum Menthæ Compositum.

Composed of spearmint leaves 120 grs., sugar 120 grs., oil of spearmint 3 drops, compound tincture of cardamoms ½ fl.dr., water 6 fl.oz.

Dose.—For an adult, ℥j to ℥iij.
For a child a year old, ℥j to ℥ij.

Oleum Menthæ Viridis. B.P.

Dose.—For an adult, ♏ij to ♏v, on sugar or emulsion.

Spiritus Menthæ Viridis. B.P.

A solution of oil of spearmint 1 fl.oz., in rectified spirit 9 fl.oz.

Dose.—For an adult, ♏x to ♏xxx.
For a child a year old, ♏v.

Mezereum. The root bark of Daphne mezereum. B.P.

Decoctum Mezerei. B.P.

Composed of mezereon bark 120 grs., liquorice root ½ oz., water 2 pints boiled to a pint.

Dose.—For an adult, ℥iij to ℥iv.
For a child a year old, ℥j to ℥ij

Moschus. The inspissated secretion from the preputial follicles of the Moschus moschiferus. B.P.

Dose.—For an adult, 5 grs. to 15 grs., in pill or emulsion.

Myristica. The kernel of the seed of Myristica officinalis. B.P.

Dose of the powder for an adult, 10 grs. to 30 grs.

Oleum Myristicæ. B.P.

Dose.—For an adult, ♏j to ♏ij, in pill, sugar, or emulsion.

Spiritus Myristicæ. B.P.

A solution of oil of nutmeg 1 fl.oz., in rectified spirit 9 fl.oz.

Dose.—For an adult, ♏v to ♏x.
For a child a year old, ♏j.

Myrospermum Pereiræ. The balsam from the stem. B.P.

Balsamum Peruvianum. B.P.

Dose.—For an adult, ℥ss. to ℥ij.
For a child a year old, ♏v.

Myrospermum Toluiferum. The balsam from the stem. B.P.

Balsamum Tolutanum. B.P.

Dose.—For an adult, ℥ss. to ℥j.
For a child a year old, ♏v.

Syrupus Tolutanus. B.P.

Composed of balsam of tolu 1½ fl.oz., sugar 2 lbs., water 1 pint.

Dose.—For an adult, ℥ij to ℥ss.
For a child a year old, ♏xx.

Tinctura Tolutana. B.P.

Composed of balsam of tolu 2½ fl.oz., rectified spirit 1 pint.

Dose.—For an adult, fʒss. to fʒj.
For a child a year old, ♏x.

Myrrha. A gum resinous exudation from the stem of Balsamodendron myrrha. B.P.

Dose of the powdered resin for an adult, 10 grs. to 20 grs.

Tinctura Myrrhæ. B.P.

Composed of myrrh 2½ oz., rectified spirit 1 pint.

Dose.—For an adult, fʒss. to fʒj.
For a child a year old, ♏v.

Water decomposes and precipitates the resin.

Opoponax. The gum resin of Opoponax Chironium.

Dose of the powdered resin for an adult, 10 grs. to 30 grs.

Origanum Vulgare. The whole herb. Ph. Lond.

Oleum Origani.

Dose.—For an adult, ♏ij to ♏x, on sugar, pill, or emulsion.

Pimenta. The unripe berries of Eugenia pimenta. B.P.

Aqua Pimentæ. B.P.

Prepared by distilling 14 oz. of pimento with 2 gallons of water distilled to 1 gallon.

Dose.—For an adult, fʒj to fʒiij.
For a child a year old, fʒj to fʒij.

Oleum Pimentæ. B.P.

Dose.—For an adult, ♏ij to ♏vj, on sugar, pill, or emulsion.

Spiritus Pimentæ. Ph. Lond.

Composed of oil of pimento 3 fl.drs., proof spirit 1 gallon.

Dose.—For an adult, fʒj to fʒss.
For a child a year old, ♏v to ♏x.

Piper. The unripe berries of Piper Nigrum. B.P.

Confectio Piperis. B.P.

Composed of black pepper 2 oz., carraway 3 oz., honey 15 oz.

Dose.—For an adult, 30 grs. to 120 grs.

Rosmarinus. The flowering tops of Rosmarinus officinalis. B.P.

Oleum Rosmarini. B.P.

Dose.—For an adult, ♏ij to ♏v in pill, or sugar, or emulsion.

Spiritus Rosmarini. B.P.

A solution of oil of rosemary 1 fl.oz., rectified spirit 9 fl.oz.

Dose.—For an adult, ♏xx to ʒj.
For a child a year old, ♏iij.

Ruta. The fresh leaves of Ruta Gravcolens. B.P.

Confectio Rutæ. Ph. Lond.

Composed of fresh rue, carraway, bay berries, of each 1½ oz., sagapenum ½ oz., black pepper 120 grs., honey 16 oz.

Dose.—For an adult, 20 grs. to 60 grs.

Oleum Rutæ. B.P.

Dose.—For an adult, ♏ij to ♏vj in emulsion.

Syrupus Rutæ.

Composed of oil of rue 20 drops, syrup 1 pint.

For children—*Dose*, fʒj, or fʒij.

Sabina. The fresh and dried tops of Juniperus Sabina. B.P.

Oleum Sabinæ. B.P.
Dose.—For an adult, ♏ij to ♏v, on sugar or emulsion.

Tinctura Sabinæ. B.P.
Composed of savin 2½ oz., proof spirit 1 pint.
Dose.—For an adult, ℥ss. to ℥ij.

Sambucus. The fresh flowers of Sambucus Nigra. B.P.

Aqua Sambuci. B.P.
Composed of elder flowers 10 lbs., water 2 gallons, distilled to a gallon.
Dose.—For an adult, ℥j to ℥ij.
For a child a year old, ℥ij.

Sassafras. The dried root of Sassafras officinale. B.P.

Oleum Sassafras. Ph. Dub.
Dose.—For an adult, ♏ij to ♏x in emulsion.

Senega. The dried root of Polygala Senega. B.P.

Decoctum Senegæ. Ph. Lond.
Composed of senega 1¼ oz., water 2 pints, boil to 1 pint.
Dose.—For an adult, ℥j to ℥ij.
For a child a year old, ℥j.

Infusum Senegæ. B.P.
Composed of senega ½ oz., water 10 fl.oz.
Dose.—For an adult, ℥j to ℥iij.
For a child a year old, ℥j to ℥ij.

Tinctura Senegæ. B.P.

Composed of senega 2½ oz., proof spirit 1 pint.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, ♏v.

Serpentaria. The root of Aristolochia Serpentaria. B.P.

Infusum Serpentariæ. B.P.

Composed of serpentary ½ oz., water 10 fl.oz.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j.

Tinctura Serpentariæ. B.P.

Composed of serpentary 2½ oz., proof spirit 1 pint.

Dose.—For an adult, f℥ss. to ʒij.
For a child a year old, ♏v.

Sumbul. The root of an unknown Asiatic plant.

Dose.—Of the powder for an adult, 3 grs. to 8 grs.

Tinctura Sumbul.

Composed of the root 2 oz., proof spirit 16 fl.oz.

Dose.—For an adult, ♏xx to f℥j.
For a child a year old, ♏iij.

Terebinthina. Obtained from Pinus Palustris. B.P.

Oleum Terebinthinæ. B.P.

Dose.—For an adult, f℥ss. to f℥ss. in emulsion.

Confectio Terebinthinæ. B.P.

Composed of oil of turpentine 1 fl.oz., liquorice 1 oz., honey 2 oz.

Dose.—For an adult, 60 grs. to ½ oz.

Enema Terebinthinæ. B.P.

Composed of oil of turpentine 1 fl.oz., mucilage of starch 15 fl.oz.

Valeriana. The root of Valeriana officinalis. B.P.

Infusum Valerianæ. B.P.
Composed of valerian 120 grs., water 10 fl.oz.
Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j.

Tinctura Valerianæ. B.P.
Composed of valerian 2½ oz., proof spirit 1 pint.
Dose.—For an adult, f℥ss. to f℥ij.
For a child a year old, ♏v.

Tinctura Valerianæ Ammoniata. (Tinctura Valerianæ Composita. Ph. Lond.) B.P.
Composed of valerian 2½ oz., aromatic spirit of ammonia 1 pint.
Dose.—For an adult, f℥ss. to f℥j.
For a child a year old, ♏iij.
It is incompatible with acids, acidulous, earthy, and metallic salts.

Vanilla. The dried fruit of several species of vanilla.

Pulvis Vanillæ.
Can only be prepared by admixture with sugar 1 to 5.
Dose.—For an adult, 60 grs., containing about 12 grs. of vanilla.

Tinctura Vanillæ. Ph. Boruss.
Composed of vanilla 3 oz., rectified spirit 1 pint.
Dose.—For an adult, f℥ss. to f℥j.
It resembles balsam of Peru, and has aphrodisiac properties.

Zingiber. The rhizome of Zingiber Officinale. B.P.

Dose.—Of the powder for an adult, 10 grs. to 30 grs.
For a child a year old, 2 grs. to 3 grs.

Syrupus Zingiberis. B.P.

Composed of tincture of ginger 1 fl.oz., syrup 7 fl.oz.
Dose.—For an adult, f℥ss. to f℥ij.
For a child a year old, ♏viij.

Tinctura Zingiberis. B.P.

Composed of ginger 2½ oz., rectified spirit 1 pint.
Dose.—For an adult, f℥ss. to f℥j.
For a child a year old, ♏v.

Gingerine.

The active principle of ginger.
Dose.—For an adult, 1 gr. to 2 grs.

SEDATIVES.

Def.—"Sedatives are agents which directly diminish the force of the action of the heart and other organs by repressing the nervous influence."—PEREIRA.

Acidum Hydrocyanicum Dilutum.—*Vide* p. 39.

Aconitum.—*Vide* p. 42.

Amygdalus. The seeds of Amygdalus Communis. B.P.

Pulvis Amygdalæ Compositus.—*Vide* p. 23.
Used only for

Mistura Amygdalæ.—*Vide* p. 22.
Dose.—For an adult, f℥j to f℥ij, or ad libitum.
For a child a year old, f℥j to f℥ij.

Oleum Amygdalæ. B.P.
Dose.—For an adult, f℥j to f℥ij.

Antimonium.—*Vide* p. 34.

Atropa Belladonna.—*Vide* p. 41.

Colchicum. The fresh corm of Colchicum Autumnale. B.P.
Dose.—Of the powdered corm for an adult, 3 grs. to 8 grs.

Acetum Colchici. Ph. Lond.
Composed of colchicum corms 1 oz., vinegar 16 oz., proof spirit 1 oz.
Dose.—For an adult, f℥ss to f℥ij.
For a child a year old, ♏iij.

Extractum Colchici. B.P.
A watery extract of the recent corm.
Dose.—For an adult, 1 gr. to 2 grs.

Extractum Colchici Aceticum. B.P.
An acetous extract evaporated to a proper consistence.
Dose.—For an adult, 1 gr. to 2 grs.

Colchici Semen. The ripe seed of Colchicum autumnale. B.P.
Dose.—Of the powdered seed for an adult, 3 grs. to 8 grs.
The seeds are more uniform in their action than the corm.

Tinctura Colchici Seminis. B.P.
Composed of colchicum seed 2½ oz., proof spirit 1 pint.
Dose.—For an adult, ♏xx to ♏xxx, or f℥j.
For a child a year old, ♏ij.

Tinctura Colchici Seminis Composita. Ph. Lond.

Composed of colchicum seeds 5 oz., aromatic spirit of ammonia 2 pints.

Dose.—For an adult, ♏xx to f℥j.

Vinum Seminis Colchici.

Composed of colchicum seeds 2 oz., sherry 1 pint.

Dose.—For an adult, f℥ss. to f℥j, or f℥ij.
For a child a year old, ♏iij.

Vinum Colchíci. B.P.

Composed of colchicum corm 4 oz., sherry 1 pint.

Dose.—For an adult, f℥ss. to f℥j.
For a child a year old, ♏iij.

Conium.—*Vide* p. 44.

Digitalis.—*Vide* p. 45.

Hyoscyamus.—*Vide* p. 45.

Laurocerasus. The fresh leaves of Prunus Laurocerasus. B.P.

Aqua Laurocerasi. B.P.

Composed of laurel leaves 1 lb., water 2½ pints, distil to a pint.

Dose.—For an adult, f℥ss to f℥j., or f℥ss.

Opium.—*Vide* p. 47.

Tabacum.—*Vide* p. 52.

Thea Bohea and Thea Viridis.

Tinctura Veratri Viridis.

Dose.—For an adult, ♏iij to ♏x.

This is a powerful arterial sedative and purgative.

PART IV.

MEDICINES WHICH ACT UPON THE SECRETING SYSTEM.

DIAPHORETICS.

Ammonia.—*Vide* p. 25.

Ammoniæ Carbonas.—*Vide* p. 25.

Liquor Ammoniæ Acetatis.—*Vide* p. 25.

Liquor Ammoniæ Citratis.—*Vide* p. 25.

Antimonium.—*Vide* p. 34.

Camphor.—*Vide* p. 43.

Capsicum.—*Vide* p. 83.

Contrayerva.—*Vide* p. 87.

Dulcamara.—The young branches of Solanum Dulcamara. B.P.

Decoctum Dulcamaræ. Ph. Lond.

Composed of dulcamara, 1¼ oz., water 1½ pint, boiled to a pint.

Dose.—For an adult, f℥j to f℥iij.
For a child a year old, f℥j to f℥ij.

Infusum Dulcamaræ. B.P.

Composed of dulcamara 1 oz., water 10 oz.

Dose.—For an adult, f℥j to f℥iij.
For a child a year old, f℥j to f℥ij

Guaiacum.—*Vide* p. 88.

Hemidesmus.—The dried root of Hemidesmus Indicus. B.P.

Syrupus Hemidesmi. B.P.

Composed of hemidesmus 4 oz., sugar 28 oz., water 1 pint.

Dose.—For an adult, f℥j. to f℥ss.
For a child a year old, ♏x to ♏xx.

Infusum Hemidesmi.

Composed of hemidesmus 2 oz., water 1 pint.

Dose.—For an adult, f℥ij to f℥iv.
For a child a year old, f℥ij.

This drug is new to the British Pharmacopœia; it is commonly called Indian Sarsaparilla, and is thought to possess most of the properties of ordinary sarsaparilla.

Ipecacuanha.—The dried root of Cephaëlis Ipecacuanhæ. B.P.

Dose.—Of the powdered root for an adult, ½ gr. to 2 grs.
For a child a year old, ⅛ gr. to ¼ gr.

Pilula Ipecacuanhæ cum Scillâ. Ph. Lond.

Composed of ipecacuan and opium powder 180 grs., squill and ammoniacum of each 60 grs., treacle q.s.

Dose.—For an adult, 5 grs. to 15 grs.

5 grains contain about ¼ grain of opium.

Pilula Ipecacuanhæ cum Opio. Ph. Ed.

Composed of ipecacuan and opium powder 3 parts, conserve of roses 1 part.

Dose.—For an adult, 5 grs. to 15 grs.

Half a grain of opium is contained in about 6 grains of the pill.

Pulvis Ipecacuanhæ cum Opio. B.P. (Pulvis Ipecacuanhæ Compositus. Ph. Lond.)

Composed of ipecacuan ½ oz., opium ½ oz., sulphate of potash 4 oz.

Dose.—For an adult, 3 grs. to 10 grs. or 20 grs.

For a child a year old, ⅛ gr. to ¼ gr.

10 grains of the powder contain 1 grain of opium.

Syrupus Ipecacuanhæ. Ph. E.

Composed of ipecacuan 1 oz., rectified spirit 5 fl.oz., proof spirit and water of each 3½ fl.oz., syrup 35 fl.oz.

Dose.—For an adult, f℥j to f℥ij.

For a child a year old, ♏v to ♏x.

2 fluid scruples contain about 1 grain of ipecacuan.

Trochisci Morphiæ et Ipecacuanhæ. B.P.

Composed of hydrochlorate of morphia 20 grs., ipecacuan 60 grs., tincture of tolu ½ fl.oz., sugar 24 oz., gum arabic 1 oz., mucilage of gum arabic about 2 fl.oz., water ½ fl.oz.; divide into 720 lozenges.

Each lozenge contains $\frac{1}{36}$ of a grain of hydrochlorate of morphia, and $\frac{1}{12}$ of a grain of ipecacuan.

Vinum Ipecacuanhæ. B.P.

Composed of ipecacuan 1 oz., sherry 1 pint.

Dose.—For an adult, ♏x to ♏xxx.

For a child a year old, ♏iij to ♏vj.

Mezereon.—*Vide* p. 90.

Opium.—*Vide* p. 47.

Sarza. The powdered root of Smilax officinalis. B.P.

Dose.—Of the powdered root for an adult, 30 grs. to 120 grs.

For a child a year old, 4 grs. to 6 grs.

Infusum Sarsaparillæ Compositum. Ph. Dub.

Composed of sarsaparilla 1 oz., lime water 1 pint.
Dose.—For an adult, f℥iij to f℥vj.
For a child a year old, f℥ij to f℥ss.

Decoctum Sarzæ. B.P.

Prepared by boiling 2½ oz. of sarsaparilla with 1½ pint of water.
Dose.—For an adult, f℥iv to f℥viij.
For a child a year old, f℥ss.

Decoctum Sarzæ Compositum. B.P.

Composed of sarsaparilla 2½ oz., sassafras ¼ oz., guaiac wood ¼ oz., liquorice ¼ oz., mezereon 60 grs., water 1½ pint.
Dose.—For an adult, f℥iij to f℥vj.
For a child a year old, f℥ij to f℥ss.

These preparations are incompatible with acetate of lead and solutions of mercury.

Extractum Sarzæ Liquidum. B.P.

An aquo-spirituous extract.
Dose.—For an adult, f℥j to f℥j.
For a child a year old, ♏x to ♏xx.

Syrupus Sarzæ. Ph. Lond.

Composed of sarza 15 oz., water 1 pint, sugar 15 oz.
Dose.—For an adult, f℥j to f℥j.
For a child a year old, ♏x to f℥ss.

Sassafras.—*Vide* p. 94.

Serpentaria.—*Vide* p. 95.

Ulmus.—*Vide* p. 74.

DIURETICS.

The Dilute Mineral Acids.—*Vide* pp. 38, 39, 40.

The Vegetable Acids.—*Vide* pp. 38, 54.

The various Alkalis and Neutral Salts, but more particularly

Ammoniæ Benzoas.—*Vide* p. 83.

Potassæ Acetas.—*Vide* p. 29.

„ Citras.—*Vide* p. 30.

„ Nitras.—*Vide* p. 30.

„ Tartras.—*Vide* p. 31.

„ „ Acida.—*Vide* p. 31.

The Mercurial Preparations.—*Vide* pp. 35 to 37.

Spiritus Ætheris Nitrosi. B.P. (Formerly Spiritus Ætheris Nitrici. Ph. Lond.)

Prepared by distilling sulphuric acid, nitrite of soda, and rectified spirit.

Dose.—For an adult, ♏xx to f℥ij.

For a child a year old, ♏iij to ♏v.

Armoracia.—*Vide* p. 81.

Asparagus. The root and young shoots of Asparagus officinalis.

Decoctum Asparagi.

Composed of asparagus root 1 oz., water 2 pints.

Dose.—Ad libitum.

Bucco. The dried leaves of Barosma betulina, B. crenulata, and B. serratifolia. B.P.
Dose of the powder for an adult, 20 grs. to 30 grs.

Infusum Bucco. B.P.
Composed of buchu ½ oz., water 10 fl.oz.
Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j.

Tinctura Bucco. B.P.
Composed of buchu 2½ oz., proof spirit 1 pint.
Dose.—For an adult, f℥j to f℥ss.
For a child a year old, ♏v.

Cajuput.—*Vide* p. 83.

Cantharis. The dried beetle Cantharis Vesicatoria. B.P.

Acetum Cantharidis.
Composed of cantharides 2 oz., acetic acid 1 pint.
Dose.—For an adult, ♏j to ♏iij, freely diluted and in some demulcent liquid. It is very rarely used, and is very powerful.

Tinctura Cantharidis. B.P.
Composed of cantharides ¼ oz., proof spirit 1 pint.
Dose.—For an adult, ♏x to ♏xxx.
For a child a year old, ♏j to ♏ij.

Chimaphila. The leaves and stems of Chimaphila or Pyrola Umbellata.

Decoctum Chimaphilæ. Ph. Lond.
Composed of chimaphila 1 oz., water 1½ pint boiled to a pint.
Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j.

Oleum Pyrolæ Umbellatæ vel Chimaphilæ.
Dose.—For an adult, ♏j to ♏iij.

Cubeba. The dried unripe fruit of Cubeba officinalis. B.P.
Dose of the powder for an adult, 10 grs. to 60 grs. or even 120 grs.

Extractum Cubebæ.
An oleo-resinous extract, obtained by ether.
Dose.—For an adult, 5 grs. to 10 grs. 1 gr. is equal to 8 grs. of the powder.

Oleum Cubebæ. B.P.
Dose.—For an adult, ♏x to ♏xxx or ʒj.

Tinctura Cubebæ. Ph. Lond.
Composed of cubebs 5 oz., proof spirit 2 pints.
Dose.—For an adult, ʒj to ʒij.

Colchicum.—*Vide* p. 98.

Digitalis.—*Vide* p. 45.

Dulcamara.—*Vide* p. 100.

Juniperus. The unripe fruit of Juniperus communis. B.P.

Oleum Juniperi. B.P.
Dose.—For an adult, ♏j to ♏iij, in pill or emulsion.

Spiritus Juniperi. B.P.
A solution of the oil of juniper 1 fl.oz., in rectified spirit 9 fl.oz.
Dose.—For an adult, ♏x to ♏xx.
For a child a year old, ♏ij.
This preparation contains about 95 times as much oil of juniper as the spiritus juniperi Ph. Lond.

Pareira. The dried root of Cissampelos Pareira. B.P.

Dose.—For an adult, 30 grs. to 60 grs.

Decoctum Pareiræ. B.P.

Composed of pareira 1½ oz., water 1½ pint, boil to a pint.

Dose.—For an adult, f℥j to f℥iij.
For a child a year old, fʒj to fʒij.

Extractum Pareiræ Liquidum. B.P.

An aquo-spirituous extract.

Dose.—For an adult, ♏x to ♏xxx.

Infusum Pareiræ. Ph. Ed.

Composed of pareira 360 grs., water 1 pint.

Dose.—For an adult, f℥j to f℥iij.
For a child a year old, fʒj to fʒij.

Scilla. The bulb of Urginea Scilla.

Dose of the powder for an adult, 2 grs. to 8 grs.

Acetum Scillæ. Ph. Lond.

Composed of squills 15 oz., distilled vinegar 6 pints.

Dose.—For an adult, fʒss. to fʒj.
For a child a year old, ♏ij to ♏iv.

Oxymel Scillæ.

Composed of honey 3 lbs., vinegar of squills 1½ pint.

Dose.—For an adult, fʒj to fʒij.
For a child a year old, ♏v to ♏x.

Pilula Scillæ Composita. B.P.

Composed of squills 1¼ oz., ginger 1 oz., ammonia 1 oz., hard soap 1 oz., treacle 2 oz.

Dose.—For an adult, 5 grs. to 15 grs.

Tinctura Scillæ. B.P.

Composed of squills 2½ oz., proof spirit 1 pint.

Dose.—For an adult, ♏xv to ♏xxx.
For a child a year old, ♏iij.

Syrupus Scillæ. B.P.

Composed of squills 2½ oz., dilute acetic acid 1 pint, sugar 2 lbs., proof spirit 1½ fl.oz.

Dose.—For an adult, fʒss. to fʒij.
For a child a year old, ♏x to ♏xx.

This preparation resembles very closely the oxymel scillæ.

Scoparius. The fresh dried tops of Sarothamnus Scoparius. B.P.

Dose of the powdered *seeds* for an adult, 5 grs. to 15 grs.

Decoctum Scoparii. B.P.

Composed of broom-tops ½ oz., water ½ pint.

Dose.—For an adult, f℥j to f℥iij.
For a child a year old, fʒj to fʒij.

Succus Scoparii. B.P.

Composed of 3 measures of the expressed juice of broom-tops with 1 measure of rectified spirit.

Dose.—For an adult, fʒss. to fʒj.
For a child a year old, ♏v to ♏x.

Tabacum.—*Vide* p. 52.

Taraxacum. The fresh roots of Taraxacum Dens Leonis. B.P.

Decoctum Taraxaci. B.P.

Composed of 1 oz. of the root with 1½ pint of water boiled to a pint.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, fʒj.

Extractum Taraxaci. B.P.

The juice expressed from the root and evaporated.

Dose.—For an adult, 10 grs. to 30 grs.
For a child a year old, 1 gr. to 2 grs.

Succus Taraxaci. B.P.

Composed of 3 parts of the expressed juice of taraxacum with 1 of rectified spirit.

Dose.—For an adult, ♏xx to f℥j.
For a child a year old, ♏ij to ♏v.

Terebinthinæ.—*Vide* p. 95.

Uva Ursi.—*Vide* p. 58.

EMETICS.

Ammoniæ Carbonas. B.P.

Dose.—For an adult, 20 grs. to 30 grs.
For a child a year old, 2 grs. to 4 grs.

Anthemis.—*Vide* p. 68.

Infusum Anthemidis. B.P.

Dose.—For an adult, f℥vj to Oss. or more.
For a child a year old, f℥j to f℥iss.

Antimonium.—*Vide* p. 34.

Antimonii Oxidum. B.P.

Dose.—For an adult, 2 grs. to 5 grs.
For a child a year old, $\frac{1}{8}$ gr.

Antimonium Tartaratum. B.P.

Dose.—For an adult, 1 gr. to 2 grs.
For a child a year old, $\frac{1}{8}$ gr. to $\frac{1}{2}$ gr.

Vinum Antimoniale. B.P.

Dose.—For an adult, f℥ij to f℥ss.
For a child a year old, ♏x to ♏xx.

Asarum Europæum. The leaves or the root.

Dose.—Of the powder for an adult, 30 grs. to 60 grs.

Cupri Sulphas.—*Vide* p. 61.
Dose.—For an adult, 5 grs. to 15 grs.

Ipecacuanha.—*Vide* p. 101.

Pulvis Ipecacuanhæ. B.P.
Dose.—For an adult, 30 grs.
For a child a year old, 4 grs.

Vinum Ipecacuanhæ. B.P.
Dose.—For an adult, f℥ss. to f℥j.
For a child a year old, f℥ss. to ʒj.

Lobelia. The dried herb Lobelia inflata. B.P.

Tinctura Lobeliæ. B.P.
Dose.—For an adult, f℥j to f℥ij.
For a child a year old, ♏x to ♏xx.

Tinctura Lobeliæ Ætherea. B.P.
Dose.—For an adult, f℥j to f℥ij.
For a child a year old, ♏x to ♏xx.

Scilla.—*Vide* p. 107.
Dose.—Of the powder for an adult, 10 grs. to 20 grs.
For a child a year old, 2 grs. to 5 grs.

Tinctura Scillæ.—*Vide* p. 107.
Dose.—For an adult, f℥j to f℥ij.
For a child a year old, ♏x to ♏xx.

Sinapis. The powdered seeds of Sinapis Alba and S. Nigra. B.P.
Dose.—For an adult, 60 grs. to ½ oz.
For a child a year old, 10 grs. to 15 grs.

Tabacum.—*Vide* p. 52.

Vinum Tabaci. B.P.
Dose.—For an adult, f℥j to f℥ij.

Veratria. The alkaloid of Asagræa officinalis. B.P.

Dose.—For an adult, ½ gr. to 2 grs.

Veratrum Album.

Vinum Veratri. B.P.

Composed of white hellebore 8 oz., sherry 2 pints.

Dose.—For an adult, f℥ss. to f℥j.

Zinci Sulphas.—*Vide* p. 78.

Dose.—For an adult, 15 grs. to 30 grs.

For a child a year old, 1 gr. to 2 grs.

EXPECTORANTS.

Ammoniæ Carbonas. B.P.

Dose.—For an adult, 3 grs. to 8 grs.

For a child a year old, ¼ gr. to ½ gr.

Ammoniacum.—*Vide* p. 80.

Antimonium.—*Vide* p. 34.

Assafœtida.—*Vide* p. 82.

Balsamum Peruvianum.—*Vide* p. 91.

Balsamum Tolutanum.—*Vide* p. 91

Benzoinum.—*Vide* p. 63.

Copaiba.—*Vide* p. 87.

Dulcamara.—*Vide* p. 100.

Galbanum.—*Vide* p. 82.

Ipecacuanha.—*Vide* p. 101.

Myrrha.—*Vide* p. 92.

Scilla.—*Vide* p. 107.

Senega.—*Vide* p. 94.

Stramonium.—*Vide* p. 52.

Styrax. A balsam obtained from the bark of Liquidamber Orientale. B.P.

Dose.—For an adult, 10 grs. to 20 grs. in pill.

Pilula Styracis Composita.

Composed of strained storax, 360 grs., opium 120 grs., saffron 120 grs.

Dose.—For an adult, 5 grs. to 10 grs.

Tabacum.—*Vide* p. 53.

GALACTAGOGUES.

These are a class of remedies hitherto but little used; and though some of the following are of more than doubtful value, they are given in order that their use may be more fully tested.

Anethum. *Vide* p. 80.

Anisum.—*Vide* p. 81.

Apium Sativum. Common parsley.

Borago Officinalis. Common borage.

"The seeds and leaves are good to increase milk in women's breasts."—CULPEPPER.

Coronella Juncea. Milk vetch.

The roots, seeds, and leaves are all said to possess this property.

Daucus Carota. Common carrot.

Echium Vulgare. Viper's Bugloss.
"The seed drunk in wine preserveth abundance of milk."—CULPEPPER.

Eruca Sativa.
Culpepper speaks in similar terms of the seeds of this plant.

Fœniculum. *Vide* p. 88.
Dr. Routh speaks in strong terms of the infusion of fennel as a galactagogue.

Gaultheria procumbens. Mountain tea.
The leaves as an infusion, or the oil is used. One ounce of the latter has proved fatal.

Lactuca Sativa. The garden lettuce.—*Vide* p. 47.

Malva Sylvestris. Marsh mallow.

Althæa Officinalis.

Mistura Althææ. *Vide* p. 22.
Dose.—Ad libitum.

Syrupus Althææ.—*Vide* p. 22.
Dose—f℥j to ℥ss.

Melissa Asinos. Basil thyme, or wild basil.
Used in the form of tea ad libitum.

Nigella Sativa. Sweet gith.

Porphyra Laceiniata. Purple Laver, one of the Algæ.

Potentilla reptans. Creeping cinquefoil.

Ricini Communis Foliæ.

A decoction of the leaves is highly recommended by Dr. Routh, as an application to the breasts; he has hardly known it fail.

Scoparium.—*Vide* p. 108.

Saponaria vaccaria. Cow basil, or vaccaria.

Dr. Routh speaks favourably of a strong infusion of it.

The following Remedies have been recommended for Arresting the Secretion of Milk.

Colchicum.—*Vide* p. 98.

Potassii Iodidi.—*Vide* p. 30.

Extractum Belladonnæ. B.P.

Both internally, and externally to the areolæ. For the latter purpose it is best mixed with an equal part of glycerine, and applied night and morning thickly.

Camphor. Applied externally to the breast. B.P.

Tabacum. Applied in the form of a fomentation. B.P.

PURGATIVES.

Aloes Barbadensis. The juice of the leaf of Aloe Vulgaris. B.P.

Aloes Socotrinæ. The juice of the leaf of one or more undetermined species. B.P.

Aloin. The alkaloid of Aloes.

Dose.—For an adult, 1 gr. to 2 grs.

Decoctum Aloes Compositum. B.P.

Composed of extract of socotrine aloes 90 grs., myrrh 60 grs., saffron 60 grs., carbonate of potash 40 grs., liquorice ½ oz., compound tincture of cardamoms 4 fl.oz., water q.s. to make 16 fl.oz.

Dose.—For an adult, f℥ss. to f℥j.
For a child a year old, f℥ss.

Enema Aloes. B.P.

Composed of aloes 40 grs., carbonate of potash 15 grs., mucilage of starch 10 fl.oz.

Extractum Aloes Barbadensis. B.P.

An aqueous extract.

Dose.—For an adult, 1 gr. to 5 grs. or 10 grs.

Extractum Aloes Socotrinæ. B.P.

Prepared like the preceding.

Dose.—The same as the preceding.

Pilula Aloes Barbadensis. B.P. (Pilula Aloes cum Sapone. Ph. Lond.)

Composed of Barbadoes aloes 2 oz., hard soap 1 oz., oil of carraway 1 fl.dr., confection of roses 1 oz.

Dose.—For an adult, 5 grs. to 10 grs. or 20 grs.

Pilula Aloes et Assafœtidæ. B.P.

Composed of socotrine aloes 1 oz., assafœtida 1 oz., hard soap 1 oz., confection of roses 1 oz.

Dose.—For an adult, 5 grs. to 10 grs. or 20 grs.

Pilula Aloes et Myrrhæ. B.P.

Composed of socotrine aloes 2 oz., myrrh 1 oz., saffron ½ oz., confection of roses 2½ oz.

Dose.—For an adult, 5 grs. to 10 grs. or 20 grs.

Pilula Aloes Socotrinæ. B.P.

Composed of socotrine aloes, 2 oz., hard soap, 1 oz., volatile oil of nutmeg 1 fl.drm., confection of roses 1 oz.
Dose.—For an adult, 5 grs. to 10 grs. or 20 grs.

Pilula Aloes Composita. Ph. Lond.

Composed of aloes 1 oz., extract of gentian ½ oz., oil of carraway 40 drops, syrup q.s.
Dose.—For an adult 5 grs. to 10 grs. or 20 grs.

Pilula Aloes et Ferri. Ph. Ed.

Composed of sulphate of iron 3 parts, Barbadoes aloes 2 parts, aromatic powder 6 parts, conserve of roses 8 parts.
Dose.—For an adult, 5 grs. to 15 grs.

Pulvis Aloes Compositus. Ph. Lond.

Composed of aloes 1½ oz., guaiacum resin 1 oz., compound powder of cinnamon ½ oz.
Dose.—For an adult, 10 grs. to 20 grs.

Tinctura Aloes. B.P.

Composed of socotrine aloes ½ oz., extract of liquorice 1½ oz., proof spirit 1 pint.
Dose.—For an adult, f℥ij to f℥j.

Tinctura Aloes Composita. Ph. Edin.

Composed of aloes 4 oz., saffron 2 oz., tincture of myrrh 2 pints.
Dose.—For an adult, f℥ss. to f℥j.

Vinum Aloes. B.P.

Composed of socotrine aloes 1½ oz., cardamoms 80 grs., ginger 80 grs., sherry 2 pints.
Dose.—For an adult f℥ss. to f℥ij.
For a child a year old, ♏x to ♏xx.

Andira Inermis. The bark.

Dose.—Of the powdered bark for an adult, 20 grs. to 30 grs.

It very much resembles jalap in action.

Cambogia. The gum resin of an undetermined species of Garcinia. B.P.

Dose.—For an adult, 2 grs. to 5 grs. or 10 grs.

Pilula Cambogiæ Composita. B.P.

Composed of gamboge, Barbadoes aloes, and aromatic powder, of each 1 oz., hard soap 2 oz., syrup q.s.

Dose.—For an adult 5 grs. to 10 grs. or 15 grs.

Tinctura Cambogiæ.

Composed of gamboge ½ oz., carbonate of potash 1 oz., brandy 12 fl.oz.

Dose.—For an adult, f℥ss. to f℥j.

This is used only on the continent, and is there highly praised.

Cassia. The pulp of the pods of Cassia Fistula. B.P.

Confectio Cassiæ. Ph. Lond.

Composed of prepared cassia ½ lb., manna 2 oz., prepared tamarind pulp 1 oz., syrup of roses 8 oz.

Dose.—For an adult 120 grs. to 1 oz.

For a child a year old, 30 grs.

This is a mild and very agreeable aperient for children.

Colchicum.—*Vide* p. 98.

As a purgative, the doses should be a little larger than are specified under the head of Sedatives.

Colocynthis. The dried decorticated fruit of Citrullus Colocynthis. B.P.

Dose of the powder for an adult, 2 grs. to 5 grs. or 10 grs.

Decoctum Colocynthidis.

Composed of colocynth 120 grs., water 1 pint; boil, strain, and add sulphuric ether 2 fl.drs., syrup of orange-peel 1 oz.

Dose.—For an adult, f℥ss. to f℥j.

Enema Colocynthidis. Ph. Lond.

Composed of extract of colocynth 30 grs., soft soap 1 oz., water 1 pint.

Extractum Colocynthidis Compositum. B.P.

Composed of colocynth 1 oz., Barbadoes aloes 2 oz., scammony 2 oz., sulphate of potash ¼ oz., oil of cloves 2 fl.drs., water q.s.

Dose.—For an adult, 3 grs. to 10 grs.

Pilula Colocynthidis et Hyoscyami. B.P.

Composed of colocynth 1 oz., Barbadoes aloes 2 oz., scammony 2 oz., sulphate of potash ¼ oz., oil of cloves 2 fl.drs., extract of hyoscyam 3 oz., water q.s.

Dose.—For an adult, 5 grs. to 10 grs.

Tinctura Colocynthidis. Ph. Boruss.

Composed of colocynth 1 oz., star of anise 60 grs., rectified spirit 1 lb.

Dose.—For an adult, ♏xx to f℥j.

Elaterium. A sediment from the expressed juice of the fruit of Ecbalium officinarum. B.P.

Dose.—For an adult, $\frac{1}{10}$th gr. to ½ gr. or 1 gr.

Fel Bovinum Purificatum. B.P.

Dose.—For an adult, 5 grs. to 10 grs. or 15 grs.

Ficus. The dried fruit of Ficus Carica. B.P.

Helleborus Niger. The rhizome.

Dose of the powdered rhizome for an adult, 10 grs. to 20 grs.

It resembles colocynth in its purgative action.

Tinctura Hellebori. Ph. Lond.

Composed of black hellebore 5 oz., proof spirit 2 pints.

Dose.—For an adult, f℥ss. to f℥j.

Hydrargyrum.—*Vide* p. 35.

The doses require to be somewhat larger than are there indicated.

Hordeum distichum.—*Vide* p. 23.

Decoctum Hordei. B.P.

Composed of pearl barley 2 oz., water 1½ pint; boil for twenty minutes.

As a drink this is slightly aperient to children.

Decoctum Hordei Compositum. Ph. Lond.

Composed of decoction of barley 2 pints, figs 2½ oz., liquorice 300 grs., raisins 2½ oz., water 1 pint.

Dose.—The same as the preceding, and with the same action.

Jalapa. The dried tubers of Exogonium purga. B.P.

Dose.—Of the powdered tuber for an adult, 10 grs. to 40 grs.

For a child a year old, 2 grs. to 3 grs.

Extractum Jalapæ. B.P.

An aquo-spirituous extract.

Dose.—For an adult, 5 grs. to 10 grs. or 20 grs.

For a child a year old, 1 gr. to 2 grs.

Jalapæ Resina. B.P.

Dose.—For an adult, 2 grs. to 4 grs.

For a child a year old, ¼ gr. to ½ gr.

Pulvis Jalapæ Compositus. B.P.

Composed of jalap 5 oz., acid tartrate of potash 9 oz., ginger 1 oz.

Dose.—For an adult, 10 grs. to 60 grs.
For a child a year old, 2 grs. to 4 grs.

Tinctura Jalapæ. B.P.

Composed of jalap 2½ oz., proof spirit 1 pint.

Dose.—For an adult, f℥j to f℥ss.
For a child a year old, ♏x to ♏xv.

Jalapine.

A pure white resin, the active principle of jalap.

Dose.—For an adult, 2 grs. to 4 grs.

It is a purer and more certain preparation than the Resina.

Leptandrine. The active principle of Leptandra virginica.

Dose.—For an adult, 1 gr. to 2 grs. in pill.

This is a mild and agreeable aperient.

Manganesii Sulphas.—*Vide* p. 21.

Dose.—For an adult, 20 grs. to 120 grs.
For a child a year old, ½ gr. to 1 gr.

The cholagogue properties of this salt are very great, while it has some of the disadvantages of mercury.

Magnesia.—*Vide* p. 28.

Manna. A concrete exudation from the stem of Fraxinus Ornus. B.P.

Dose.—For an adult, 60 grs. to 1 oz.
For a child a year old, 10 grs. to 30 grs.

Mel. A saccharine secretion from Apis mellifica. B.P.

Mel Depuratum. B.P.
Dose.—Ad libitum.
It is only gently laxative as a rule.

Oleum Crotonis. The oil expressed from the seeds of Croton Tiglium. B.P.
Dose.—For an adult, ♏¼ to ♏j or ♏ij., in pill or emulsion.

Sapo Tiglii.
Composed of croton oil 2 fl.drs., solution of caustic soda 1 fl.oz.; mix and run into moulds.
Dose.—For an adult, 1 gr. to 3 grs.
This preparation is said to be equally efficacious, but to cause less pain than the pure oil.

Oleum Olivæ. The oil expressed from the fruit of Olea Europæa. B.P.
Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j to f℥iss.

Oleum Ricini. The oil expressed from the seeds of Ricinus communis. B.P.
Dose.—For an adult, f℥ij to f℥j.
For a child a year old, f℥ss. to f℥j.

A convenient and elegant mode of administering castor oil is the following :—

Mistura Ricini.
Composed of castor oil 4 fl.oz., solution of potash 2 fl.drs., cinnamon water 8 oz.
Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j to f℥ij.

Podophyllum. The dried root of Podophyllum peltatum. B.P.

Podophylli Resina. B.P.
Dose.—For an adult, ¼ gr. to 1 gr., in pill.

Potassæ Sulphas.—*Vide* p. 30.

Potassæ Tartras.—*Vide* p. 31.

Potassæ Tartras Acida.—*Vide* p. 31.

Prunum. The dried drupe of Prunus domestica. B.P.
Dose.—Ad libitum.

Rhamnus Catharticus.

Syrupus Rhamni. Ph. Lond.
Composed of juice of buckthorn berries 4 pints, sliced ginger and allspice, of each 360 grs., sugar 6 lbs., rectified spirit 6 fl.oz.
Dose.—For an adult, fʒij to fʒj.
For a child a year old, ♏x to ♏xv.

Rheum. The root of one or more undetermined species of rheum deprived of the bark and dried. B.P.
Dose.—Of the powdered root for an adult, 10 grs. to 30 grs.
For a child a year old, 2 grs. to 5 grs.

Extractum Rhei. B.P.
An aquo-spirituous extract.
Dose.—For an adult, 5 grs. to 15 grs.
For a child a year old, 1 gr. to 3 grs.

Infusum Rhei. B.P.
Composed of rhubarb ¼ oz., water 10 fl.oz.
Dose.—For an adult, fʒj to fʒij.
For a child a year old, fʒj to fʒiss.

Pilula Rhei Composita. B.P.

Composed of rhubarb 3 oz., socotrine aloes 2¼ oz., myrrh 1½ oz., hard soap 1½ oz., oil of peppermint 1½ fl.drs., treacle 4 oz.

Dose.—For an adult, 5 grs. to 15 grs.

Pilula Rhei et Ferri. Ph. Ed.

Composed of dried sulphate of iron 4 parts, extract of rhubarb 10 parts, conserve of red roses 5 parts.

Dose.—For an adult, 5 grs. to 20 grs.

Pulvis Rhei Compositus. (Gregory's Powder.) B.P.

Composed of rhubarb 2 oz., light magnesia 6 oz., ginger 1 oz.

Dose.—For an adult, 120 grs. to ½ oz.

For a child a year old, 5 grs. to 15 grs., in solution or electuary.

Tinctura Rhei. B.P.

Composed of rhubarb 2 oz., cardamoms, coriander, and saffron, of each ¼ oz., proof spirit 1 pint.

Dose.—For an adult, f℥ss. to f℥iss.

For a child a year old, f℥ss. to f℥j.

Vinum Rhei. Ph. Ed.

Composed of rhubarb 5 oz., canella ¼ oz., proof spirit 5 fl.oz., sherry 35 fl.oz.

Dose.—For an adult, f℥ss. to f℥iss.

For a child a year old, f℥ss. to f℥j.

Santonica. The unexpanded flower-heads of an undetermined species of Artemisia. B.P.

Used only for the preparation of

Santoninum. B.P.

Dose.—For an adult, 10 grs. to 15 grs.

For a child a year old, 1 gr. to 2 grs.

Scammonium. A gum resin obtained from the root of Convolvulus Scammonia. B.P.

Dose.—Of the powder for an adult, 10 grs. to 20 grs.
For a child a year old, 2 grs.

Scammoniæ Resina. B.P.

The resin extracted from the root by spirit and water.

Dose.—For an adult, 5 grs. to 10 grs.
For a child a year old, ½ gr. to 1 gr.

Confectio Scammonii. B.P.

Composed of scammony 3 oz., ginger 1½ oz., oil of carui 1 fl.dr., oil of cloves 30 minims, syrup 3 oz., honey 1½ oz.

Dose.—For an adult, 10 grs. to 60 grs.
For a child a year old, 3 grs. to 5 grs.

Mistura Scammonii. B.P.

A mixture in which each draught contains 4 grs. of the resin and 2 fl.oz. of milk.

For a child a year old, f℥j to f℥ij.

Pulvis Scammonii Compositus. B.P.

A mixture of scammony 4 oz., jalap 3 oz., ginger 1 oz.

Dose.—For an adult, 10 grs. to 20 grs.
For a child a year old, 3 grs.

Tinctura Scammonii. (French.)

Composed of Aleppo scammony 1 part, rectified spirit 4 pints, by weight.

Dose.—For an adult, f℥ss. to f℥j.
For a child a year old, ♏iij to ♏v.

Is best taken in milk or mucilage.

Scammonine.

This is a pure white powder, the active principle of the above; it is a much more certain, because purer, preparation than the resinæ of the B. P.

Dose.—For an adult, 2 grs. to 4 grs.

Senna. The leaves of Cassia lanceolata and Cassia elongata. B.P.

Dose.—Of the powdered leaves 60 grs. to 120 grs., rarely used.

Confectio Sennæ. B.P.

Composed of senna 7 oz., coriander 3 oz., figs 12 oz., tamarinds 9 oz., cassia pulp 9 oz., prunes 6 oz., extract of liquorice ¾ oz., sugar 30 oz., water 24 oz.

Dose.—For an adult, 60 grs. to ½ oz.
For a child a year old, 5 grs. to 10 grs.

Infusum Sennæ. B.P.

Composed of senna ½ oz., ginger 30 grs., water 10 oz.

Dose.—For an adult, f℥ij to f℥iij.
For a child a year old, f℥j to f℥iij.

A grain of nitrate of potash to each oz. will preserve this infusion.

Mistura Sennæ Composita.

Take of senna leaves 8 oz., coriander seeds and ginger, of each 1 oz., extract of liquorice 2 oz., boiling-water 4 pints; macerate for twelve hours with a gentle heat, strain, and add Epsom salts 20 oz., tincture of senna 10 fl.oz., aromatic spirit of ammonia 1 oz. Filter the product to 4 pints.

Dose.—For an adult, f℥j to f℥ij.
For a child a year old, f℥j to f℥iss.

This is a convenient and agreeable form of "Black Draught."

Syrupus Sennæ. B.P.

Composed of senna 16 oz., oil of coriander 3 minims, sugar 24 oz., rectified spirit 2 fl.oz., water 5 pints.

Dose.—For an adult, f℥ss. to f℥j.
For a child a year old, f℥ss. to f℥j.

Tinctura Sennæ. B.P.

Composed of senna 2½ oz., raisins 2 oz., carraway ½ oz., coriander ½ oz., proof spirit 1 pint.

Dose.—For an adult, f℥ss. to f℥iss.
For a child a year old, f℥ss. to f℥j.

Sodæ et Potassæ Tartras.—*Vide* p. 33.

Dose.—For an adult, 120 grs. to 1 oz.
For a child a year old, 10 grs. to 15 grs.

Sodæ Phosphas.—*Vide* p. 33.

Sulphur. Sublimed or precipitated. B.P.

Dose.—For an adult, 60 grs. to 120 grs.
For a child a year old, 5 grs.

Confectio Sulphuris. B.P.

Composed of sublimed sulphur 4 oz., acid tartrate of potash 1 oz., syrup of orange-peel 4 oz.

Dose.—For an adult, ½ oz. to 1 oz.
For a child a year old, 30 grs.

Tabacum.—*Vide* p. 52.

Tamarindus. The preserved pulp of the fruit of Tamarindus Indica. B.P.

Dose.—For an adult, f℥ij to f℥j.
For a child a year old, ʒss.

Taraxacum.—*Vide* p. 108.

Terebinthina.—*Vide* p. 95.

Veratria.—*Vide* p. 111.

Tinctura Veratri Viridis.

Dose.—For an adult, ♏iij to ♏viij.

In larger doses this is a very drastic purgative; it is also a powerful arterial sedative.

Viola. All parts of the plant of Viola Odorata.

Syrupus Violæ. Ph. Lond.
Composed of violets 9 oz., water 1 pint, sugar 3 lbs., rectified spirit 2½ fl.oz.
Dose, f℥ss. to f℥j, is only used as a laxative in early infancy.

The following class forms a fitting sequel to the preceding.

ANTHELMINTICS.

Absinthium.—*Vide* p. 67.

Allium Sativum. The bulb or cloves of common garlic.
Dose.—Of the fresh bulb for an adult, 60 grs. to 120 grs.
An infusion, a syrup, and the expressed juice are also used.

Aloes.—*Vide* p. 114.

Andira Inermis.
Dose.—Of the powder for an adult, 20 grs. to 30 grs.
Formerly this was in much repute.

Assafœtida.—*Vide* p. 82.

Cajuput.—*Vide* p. 83.

Cambogia.—*Vide* p. 117.

Camphor.—*Vide* p. 43.

Cassia.—*Vide* p. 117.

Chenopodium Anthelminticum.
Dose.—Of the powdered seeds for an adult, 20 grs. to 40 grs. in syrup.

Decoctum Chenopodii.
Composed of chenopodium 1 oz., milk a pint, boil.
Dose.—For an adult, f℥j to f℥iij.
For a child a year old, f℥j to f℥ij.

Oleum Chenopodii.
Dose.—For an adult, ♏x to ♏xx.
For a child a year old, ♏j to ♏ij, on sugar or emulsion.

Chenopodium, or Wormseed, is by many in America regarded as most efficient in destroying Ascaris Lumbricoides.

Colocynthis.—*Vide* p. 117.

Croton Tiglii.—*Vide* p. 121.

Cusso, or Kousso. The flowers of Brayera Anthelmintica. B.P.

Infusum Cusso. B.P.
Composed of kousso ½ oz., water 40 fl. oz., boil for 15 minutes.

Filix. The dried rhizome of Aspidium Filix mas. B.P.

Extractum Filicis Liquidum (Oleum Filicis Maris.) B.P.

An ethereal extract of the root.

Dose.—For an adult, fʒss. to fʒj or fʒij.

Mel Filicis Maris.

Composed of the liquid extract 30 drops, honey ½ fl.oz.

This is a very agreeable mode of exhibition.

Granatum. B.P.

Decoctum Granati Radicis.—*Vide* p. 56.

Helleborus Niger.—*Vide* p. 119.

Jalapa.—*Vide* p. 119.

Juniperus Sabinæ. The fresh and dried tops of Juniperus Sabinæ. B.P.

Dose.—Of the powder for an adult, 5 grs. to 10 grs.

Infusum Sabinæ.

Composed of the fresh herb 60 grs., water 8 fl.oz.

Dose.—For an adult, fʒss. to fʒiss.

For a child a year old, fʒj.

Oleum Sabinæ.

Dose.—For an adult, ♏iij to ♏viij in emulsion.

Tinctura Sabinæ. B.P.

Composed of savin 2½ oz., proof spirit 1 pint.

Dose.—For an adult, fʒss. to fʒij.

For a child a year old, ♏iij to ♏v.

Kamela. The powder which adheres to the capsules of Rottleria tinctoria. B.P.

Dose.—Of the powder for an adult, 60 grs. to 120 grs.

For a child a year old, 5 grs. to 8 grs.

Mucuna Pruriens. The legume with its setæ or hairs.

The setæ, or hairs, should be added to syrup or treacle, so as to give it the consistence of honey, or an electuary, of which the dose is ʒss. for a child a year old, and f℥ss. for an adult. This remedy has been used with great success.

Oleum Olivæ.—*Vide* p. 121.

Quassia.—*Vide* p. 65.

Ricinus Communis.—*Vide* p. 121.

Ruta.—*Vide* p. 93.

Sabadilla. The dried fruit of Asagræa Officinalis. B.P.

Pulvis Sabadillæ. B.P.

Dose.—For an adult, 4 grs. to 6 grs.

Santoninum.—*Vide* p. 123.

Scammonium.—*Vide* p. 124.

Spigelia. The root of Spigelia Marilandica.

Dose.—Of the powder for an adult, 60 grs. to 180 grs.

For a child a year old, 4 grs. to 6 grs.

Infusum Spigeliæ. Ph. U.S

Composed of spigelia root ½ oz., water 16 oz.

Dose.—For an adult, f℥iv to f℥viij.

For a child a year old, f℥ij to f℥ss.

This drug is held in much repute in America as a vermifuge.

Tabacum.—*Vide* p. 52.

Tanacetum Vulgare.

This is used in making tansy tea by infusing 2 oz. of the herb in a pint of boiling water. The dose for an adult is f℥j to f℥iij, for a child f℥j to f℥ij. It is by many regarded as very efficacious.

Terebinthina.—*Vide* p. 95.

The various chalybeate preparations, and many vegetable bitters, are also recommended as anthelmintics.

PART V.

MEDICINES WHICH ACT UPON THE GENERATIVE SYSTEM.

These may be classed under three heads: (1) those which stimulate, and (2) those which depress the sexual feelings—*Aphrodisiac* and *Anaphrodisiac;* (3) those which exert a specific action upon the uterus—*Emmenagogues.*

APHRODISIACS.

Borax. B.P. (Formerly Sodæ Biboras.)
Dose.—20 grs. to 30 grs.

Cantharis.—*Vide* p. 105.

Castoreum.—*Vide* p. 85.

Moschus.—*Vide* p. 91.

Phosphorus.

Oleum Phosphoratum.
Composed of phosphorus 12 grs., almond oil 1 fl.oz.
Dose.—♏v to ♏x, in emulsion.

Tinctura Phosphori Ætherea.
Composed of phosphorus 4 parts, sulphuric ether 200 parts by weight; macerate for a month, with occasional shaking.
The quantity dissolved is about 4 grs. in the ounce.
Dose.—♏v to ♏x.

Serpentaria.—*Vide* p. 95.

Strychnia—*Vide* p. 64.

Terebinthina.—*Vide* p. 95.

In addition to the above, the ferruginous preparations and the volatile sulphurated oils having *allyle* for their base, such as oil of Allium Sativum, Allium Cepa, Sinapis nigra, Cochlearia Armoracia, and Cochlearia officinalis, are commonly reputed to possess aphrodisiac properties.

ANAPHRODISIACS.

Antimonium Tartaratum.—*Vide* p. 34.

Camphor, in large doses.—*Vide* p. 43.

Conium, in large doses.—*Vide* p. 44.

Sodæ Carbonas. B.P.

To which may be added soda-water, all drastic cathartics, coffee, the aromatic labiate and cucurbitaceous plants, lettuce, &c.

EMMENAGOGUES.

Tinctura Actææ Racemosæ.—*Vide* p. 42.

Aloes.—*Vide* p. 114.

Assafœtida.—*Vide* p. 82.

Cambogia.—*Vide* p. 117.

Cantharis.—*Vide* p. 105.

Castoreum.—*Vide* p. 85.

Cinnamomum.—*Vide* p. 86.

Cubeba.—*Vide* p. 86.

Chenopodium.—*Vide* p. 128.

Ergota. The grain of Secale Cereale, diseased by the presence of an imperfect fungus.
Dose.—10 grs. to 20 grs.; or for labour, 30 grs.

Ergotine.
The active principle of ergot.
Dose.—For an adult, ½ gr. to 1 gr.

Extractum Ergotæ Liquidum. B.P.
This is an ethereal and aquo-spirituous extract, 1 oz. of which equals 1 oz. of the powdered ergot.
Dose.—♏x to ♏xxx or ℥j.

Infusum Ergotæ. B.P.
Composed of ergot ¼ oz., boiling water 10 fl.oz.
Dose.—℥j to ℥iij.

Oleum Ergotæ.
Dose.—♏x to ♏xx or ♏xxx for labour.

Tinctura Ergotæ. B.P.
Composed of ergot 5 oz., proof spirit 1 pint.
Dose.—♏xxx to ℥j.

Tinctura Ergotæ Ætherea.
Composed of ergot 4 oz., ether 4 fl.oz.
Dose.—♏xx to ♏xxx.

Liquor Secalis Cornuti.
A drachm of this is equal to 60 grs. of the powdered ergot. It seems to possess advantages over the other preparations.
Dose.—♏x to ♏xx or ♏xxx.

Helleborus Niger.—*Vide* p. 119.

Potassium Bromidum.—*Vide* p. 29.

Potassium Iodidum.—*Vide* p. 30.

Rubia Tinctorium. The root.
Dose.—Of the powdered root 30 grs. to 120 grs.

Ruta.—*Vide* p. 93.

Sabina.—*Vide* p. 94.

Santoninum.—*Vide* p. 123.

Serpentaria.—*Vide* p. 95.

Sodæ Biboras.—*Vide* p. 32.

PART VI.

SUBSTANCES USEFUL AS DISINFECTANTS.

Acidum Sulphurosum.
Prepared by simply burning sulphur in the place to be purified.

Calx.

Calx Chlorata. Formerly Calx chlorinata.

Liquor Calcis Chloratæ. B.P.
A solution of chlorinated lime 1 lb., in 1 gallon of water.

Chlorum. Formerly Chlorinium.

Liquor Chlori.

Carbo Animalis.

Carbo Vegetabilis.

Ferri Sesquichloridi.
This is the basis of "Ellerman's disinfecting fluid," together with

Plumbi Acetas. B.P.

Plumbi Nitras.
A solution of this salt in water, 60 grs. to the oz., forms "Ledoyen's disinfecting fluid."

Liquor Potassæ Permanganatis. B.P.
A solution of this salt constitutes "Condy's disinfecting fluid."

Sodæ Hypochloris.

Liquor Sodæ Chloratæ. Formerly Liquor Sodæ Chlorinata.

This constitutes what is called *Labarraque's soda disinfecting fluid.*

Zinci Chloridum.

A strong solution of this salt, 25 grs. to the drachm, forms the disinfecting fluid of Sir W. Burnett.

Besides the above, most or all of which act chemically, the following may be employed in fumigation, not for destroying but for disguising unpleasant odours.

Benzoin.

Camphor.

Cascarilla.

Olibanum.

Styrax.

Succinum (amber).

POISONS AND THEIR ANTIDOTES.

Poisons.	*Antidotes, &c.*
Mineral acids	Magnesia with milk. Chalk (or whitening) with milk. Soap suds. Diluted solution of carbonate of soda. Almond, olive, or lamp oil.
Vegetable acids . . .	Chalk (or whitening) with water.
Hydrocyanic acid . . .	Carbonate of ammonia and water to be swallowed. Diluted ammonia to the nostrils. Artificial respiration of air impregnated with the vapour of ammonia. Dissolve ten grains of sulphate of iron in one ounce of water, and add one drachm of tinct. sesquichloride of iron; to this solution add one scruple of carbonate of potass, previously dissolved in one or two ounces of water: administer the mixture immediately. A few drops of a solution of chlorine, or nitro-hydrochloric acid, mixed with water, to be introduced into the stomach.
Alkalis	Vinegar and water, p. æ. Water, acidulated with acetic or pyroligneous acid. Sour beer. Aqueous solutions of citric acid. Lemon, orange, or lime juice. Almond, olive, or lamp oil.
Earths	Bottle of soda water.
Barytic salts	Solution of sulphate of magnesia, or of sulphate of soda, or of alum. (For carbonate of baryta, a mixture of sulphate of magnesia and vinegar diluted.—A. S. Taylor.)

Poisons.	*Antidotes, &c.*
Arsenic	A mixture of oil and lime water, or milk and lime water. Light magnesia mixed with water. Gelatinous hydrated sesquioxide of iron. A mixture of tinct. of sesquichloride of iron, or persulphate of iron, saturated by carbonate of ammonia. Ferri sesquioxydum (ferri carbonas) mixed with water. Purified animal charcoal. Common animal charcoal. Ivory black.
Antimony	Solution of tannic acid. Astringent decoctions (as of tea, nut-galls, cinchona, oak-bark, pomegranate, tormentilla or uva ursi). Astringent tinctures (as of cinchona, catechu, or kino) diluted with water. Astringent extracts dissolved in water. See mineral acids.
Mercury	White of egg diffused in water. Yolk of egg diffused in water. Milk. Wheat-flour mixed with water. A mixture of two parts of finely divided iron (filings) and one part of zinc.—(Bouchardat.)
Copper	See Mercury.
Zinc	See Mercury. See Mineral acids.
Silver	Common salt dissolved in water. Sea-water. See Mercury.
Lead	See Barytic salts. (For carbonate of lead, a mixture of sulphate of magnesia and vinegar diluted.—A. S. Taylor.) A solution of sulphuretted hydrogen, or Harrowgate water, to be drunk. Painters, workmen in lead factories, and others whose skin is impregnated with lead, should employ, as a sulphuretted bath, a solution of four ounces of sulphuret of potassium in thirty gallons of water.
Tin	See Mercury. See Mineral acids.

Poisons.	*Antidotes, &c.*
Iodine	Decoction of starch (wheat-starch, arrow-root, or tapioca). Flour and water. Boiled potatoes. Bread.
Opium. Vegetable alkaloids and their salts. Vegetables whose active principles are alkaloids, as belladonna, hyoscyamus, stramonium, colchicum, veratrum, &c.	See Antimony. See Arsenic.
Sulphuretted hydrogen .	Air slightly impregnated with chlorine to be inhaled.
Hydrosulphuret of ammonia (sulphuret of ammonium)	Dilute solution of chloride [hypochlorite] of soda to be swallowed.
Sulphuret of potassium .	Dilute solution of chloride [hypochlorite] of lime to be swallowed.

The Weights and Measures of the British Pharmacopœia, with their Symbols, now stand as follow:—

Weights.

1 pound	... lb.	...	=	16 ounces	=	7000 grains.
1 ounce	... oz.	...	=	.....	=	437·5 grains.
1 grain	... gr.	...	=	.....	=	1 grain.

Measures.

1 gallon	..... C.	...	=	8 pints	.....O.viii.
1 pint	..... O.	...	=	20 fluid ounces	...fl. oz. xx.
1 fluid ounce	... fl.oz. .		=	8 fluid drachms	...fl.drs. viii.
1 fluid drachm	fl.drm.		=	60 minims	.....min. lx.
1 minim	..... min. .		=	1 minim	.....min. j.

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